English Longitudinal Study of Ageing (ELSA), Wave 3 Core Dataset, Phase 2 Deposit

User Guide

Version 2

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1 Overview of the Survey 1
1.1 Background and Aims 1
1.2 The 'Phase' Approach to Archiving ELSA Wave 3 2
1.3 Ethical Clearance 2
2 Survey Content 3
2.1 Development and Piloting 3
2.2 Details of Survey Content 3
2.3 Proxies 7
2.4 Institution Interviews 7
2.5 Use of Responses from Previous Interviews in the CAPI (Feed Forward) 8
3 Sample Design and Fieldwork 9
3.1 Original Sample 9
3.2 Refreshment Sample 9
3.3 Sample Types 10
3.4 Fieldwork 11
4 Dataset Information 12
4.1 Serial Numbering 13
4.2 Multi-Coded and Dichotomous Variables 13
4.3 Interview Outcome 14
4.4 Survey Module Identifiers 14
4.5 Age 15
4.6 Gender 15
4.7 Financial Variables 15
4.8 Dropped Variables 16
4.9 Household Demographic Variables 16
4.10 Coding and Editing 17
4.11 Missing Values 17
4.12 Identifying Respondents Who Had a Proxy or Institution Interview 18
5 Weighting 19
5.1 Longitudinal weight 19
5.2 Cross-sectional weight 20
6 Contact details 21
7 Appendices 22
7.1 Other ELSA Files Deposited at UK Data Archive 22
7.2 Additional Variables Deposited at Phase 2 22
7.3 Notes About Particular Variables 26
7.4 Variables With a Different Name or Label to Wave 2 30
7.5 Changes Made to the Data as a Result of Interviewer Notes 62

1 Overview of the Survey

1.1 Background and Aims

The English Longitudinal Study of Ageing (ELSA) is a study of people aged 50 and over and their partners, living in private households in England. The sample was drawn from households that had previously responded to the Health Survey for England (HSE) between 1998 and 2004.

ELSA is the result of collaboration between University College London, the Institute of Fiscal Studies (IFS), and the National Centre for Social Research (NatCen). Other academic collaborators based at the Universities of Cambridge, Exeter and East Anglia provided expert advice on specific modules.

Funding for the first four waves of ELSA has been provided by the US National Institute on Aging, and a consortium of British Government departments, which are listed below:

- Office for National Statistics;
- Department of Environment, Food and Rural Affairs;
- Department of Health;
- Department for Transport;
- Department for Work and Pensions;
- HM Treasury;
- HMRC (formerly Inland Revenue and HM Customs and Excise);
- Communities and Local Government (formerly Office of the Deputy Prime Minister).

Many of the measures adopted in ELSA are comparable with measures used in the US Health Retirement Study (HRS) and the Survey of Health, Ageing and Retirement in Europe (SHARE).

Every two years we hope to interview the same group of people to measure change in their health, economic and social circumstances. ELSA can complete the picture of what it means to grow older in the new century, and help us understand what accounts for the variety of patterns that are seen.

This User Guide relates to data deposited for the interviews from the third Wave of ELSA, which were carried out between May 2006 and August 2007. This data can be analysed cross-sectionally or longitudinally in conjunction with data from ELSA Waves 1 and 2 and HSE Wave 0 data (all of which are available from the UK Data Archive).

The ELSA Wave 3 interview covered a wide range of topics. It was similar to the questionnaire used in Wave 2, although every module was reviewed to ensure that it would provide data that measured change over time. This was achieved by repeating some measures exactly, by asking directly about change and by adapting questions to allow people to update or amend past responses.

The Wave 3 interview was also expanded to answer a variety of additional research questions. The new items included: dental health, help with daily activities the respondent may receive, access and use of both public and private transport, and questions on the state pensions forecasts that have been sent out by the government.

The aim of ELSA is to study a sample of people aged 50 and over. As the study progresses, all of our respondents get older and our sample effectively ages, therefore the youngest people need to be replaced as they are no longer represented. In order that our sample continues to be representative, new people from HSE (Health Survey for England) 2001 - 2004 were sampled. The people selected for this additional sample were people aged 50 to 53 and their older/younger partners.

1.2 The 'Phase' Approach to Archiving ELSA Wave 3

The data that this User Guide refers to is ELSA Wave 3 Phase 2 Version 2.
It has become necessary to deposit a new version of this data as, whilst updating our information for the ELSA Index File, we discovered a small number of duplicate cases from HSE 2001.
HSE 2001 was the only overlapping year between the samples for Wave 1 and Wave 3. The duplication arose where a household had been selected for ELSA *twice* – once for Wave 1 (Core Sample) and again for Wave 3 (Refreshment Sample). In total, 37 households were affected by this issue.
Each of these households was considered in turn with decisions made about which set of identifiers should be kept. Broadly speaking, if a household had been issued for Wave 1, then these identifiers (and where applicable, data given on behalf of the household) were kept in favour of the Wave 3 identifiers (and data). This explains why there are now **12** cases in the file which, in this version, have an **IDAUNIQ** beginning with a '7'. Normally this would indicate that they were ineligible for interview, but it in fact means that they were in a household with someone who had already been sampled at Wave 1. They were assigned these identifiers by virtue of being present in those households but not being eligible for interview in their own right until Wave 3.
The latest version of the ELSA Index File contains variables called **PREV_IDA** and **PREV_HHW3,** which give the identifiers that these cases were previously known under.

Phase 2 was intended as a replacement for the Phase 1 data that was archived at the end of 2007. We are asking that users delete any copies of the Phase 1 data that they may still hold and replace it with Phase 2 data.

Whereas Phase 1 data was preliminary in nature, Phase 2 data had more data cleaning carried out and more derived/summary variables added. A number of cases that were omitted from the Phase 1 deposit due to a problem with their data were reinstated. Phase 2 data also includes institution interviews (see Section 2.4 for more details) and re-coding of particular values as a result of notes made by the interviewer during the interview. Details of this re-coding are included as Appendix 7.5.

We hope to deposit an updated version of the questionnaire documentation in the first half of 2010. In the meantime, please use the version which is currently archived, bearing in mind that it may contain errors and is subject to change.

1.3 Ethical Clearance

Ethical approval for ELSA Wave 3 was granted from the Multicentre Research and Ethics Committee (MREC).

2 Survey Content

2.1 Development and Piloting

Two pilots of the computer-assisted personal interview (CAPI) instrument, the self-completion questionnaire and associated documents were conducted in September 2005 and January 2006. All pilot respondents were drawn from households that participated in the ELSA Wave 1 pilots or were selected to become the refreshment pilot sample (from HSE 2000). The pilots tested the fieldwork procedure and interview content.

2.2 Details of Survey Content

As with previous waves, the Wave 3 main survey comprised a personal face-to-face interview and a self-completion questionnaire. Overall, the intention in Wave 3 was to collect data about the same topics as in Wave 2. There were, however, some additions to the content of the interview to respond to new areas of enquiry. Some questions from Wave 2 were omitted as it was decided that they did not need to be asked at every wave. Furthermore, several elements of the questionnaire were amended to take account of responses given at the previous wave.

The ELSA program allowed flexibility in administering the interview. Respondents could be interviewed individually, or in houses with more than one eligible respondent, interviewed at the same time (in a single session) using concurrent interviewing techniques. In a concurrent session (see Survey Module Identifiers section below) the same block of questions was asked alternately of each person. Concurrent interviews tended to be quicker than two separate individual interview sessions, and were generally more convenient for respondents.

ELSA Wave 3 has adopted the use of dependent interviewing in many of its modules, as at previous waves. The technique is also called 'feeding forward' data. It is a technique that feeds responses individuals made at earlier interviews to either aid recall and/or improve consistency of responses across interviews. ELSA uses proactive dependent interviewing: i.e. earlier responses are provided to the individual before they respond to a question (rather than reactive dependent interviewing when the earlier response is used after the individual has responded as a form of validation. Dependent interviewing was used to check some information collected during previous waves (or HSE), to determine changes in status, and to control routing within the questionnaire.

There were various modules each covering a different area of interest. The content and major routing of each module is described below. Although interviews tended to follow the same module order, some flexibility was given to the interviewer. For example, the timed walk could be administered at any time after the Health module, and it was possible for interviewers to skip the Income and Assets or Housing modules if it was more convenient to do them at another time.

Five of the modules (Cognitive Function, Expectations, Effort and Reward, Psychosocial Health and Final Questions) form the 'private modules' block. Wherever possible, these modules were administered with no other household members present. If two respondents were being interviewed concurrently, whilst the first respondent was being asked the private block, the second responding individual was asked to fill in the self-completion in a separate room (if possible). The two respondents then switched places.

The questionnaire modules are listed below in the order programmed in the CAPI interview. Most of the names of the variables (including derived variables) in each of the modules start with the

same two-letter module prefix (shown in the brackets below). However, there are a small number of variable names that do not follow this convention.

Household Demographics ("DH")

One person answered the household demographics module on behalf of the household. It was used to collect basic demographic information about everyone living in the household. The composition of the household given at Wave 2 (or HSE for the refreshment sample) was proactively fed forward and the interviewer checked if all the people were still present in the household, and if their details were correct. The ELSA program determined the eligibility for the ELSA interview for each person in the household (see Sample Design section).

Note that information provided by the respondent to these questions is copied onto the data for other members of the household.

Individual Demographics ("DI")

This module is at the start of the ELSA individual interview. Each respondent was asked details about their legal marital status, living children including adopted, foster and stepchildren, number of grandchildren and great-grandchildren, number of siblings and their own circumstances in childhood (if not answered previously).

Health ("HE")

This module was administered to all respondents. It covered many different dimensions: self-reported general health: long-standing illness or disability; eyesight and hearing; specific diagnoses and symptoms; pain; difficulties with activities of daily living (ADLs) and instrumental activities of daily living (IADLs); and health behaviours. Respondents aged 60 and over were asked about falls and fractures. New questions were added about dental health, to find out how dental state deteriorates.

Social Participation ("SP")

This module was administered to all respondents. It was slightly longer than the Wave 2 SP module, and included new questions on use of services (e.g. transport provided by hospitals/day centres or meals on wheels).

Work and Pensions ("WP")

This module was administered to all respondents. The aim of this module was to update or obtain information on the respondent's current work activities, if any, and update or obtain information about any new or current pensions that they may have.

Income and Assets ("IA")

At the start of the interview couples were asked whether they kept their finances together or separate (**DHIASEP**). If kept together, they were considered to be a single financial unit that required only one respondent for the IA module (the "financial respondent"). The couple decided who the respondent would be, although the interviewer was instructed to suggest to the couple that the person who answered the IA module at Wave 2 did so again at Wave 3. If their finances were kept separately, each person needed to answer the IA module separately and were treated as two separate financial units.

The type of financial unit the respondent was in is stored in a variable called **FUTYPE**. The variable that identifies who answered the questions in IA on behalf of the financial unit is called **IAPID**. Note that the interviewer can choose to answer IA at a later time. This flexibility for respondents and

interviewers inevitably means that a small number of people did not answer IA at all. **IAPID** takes the value -1 when no one in the financial unit answered IA.

The information provided by the financial respondent is copied across to the other member of the financial unit (where this is appropriate). One important implication of this is that where a question refers to a person's "partner" or "spouse" (e.g. **IASPP:** "How much does your husband/wife/partner receive from the state pension?"), for individuals whose partners answered IA on their behalf, the data recorded in this variable will actually be referring to them (rather than their partner).

Details of the income that respondents received from a variety of sources over the last 12 months were collected including wages, state benefits, state pensions, private pensions, and other annuity income. In addition, this module covered the amount of financial and non-financial assets held, any income from these assets, regular transfers from non-household members and one-off payments in the last year.

Housing ("HO")

Only one eligible ELSA respondent in the household answered the housing module. Respondents decided themselves who the housing respondent should be, but again, the interviewer was instructed to suggest that the person who answered the HO module at Wave 2 answered this module again at Wave 3. Information provided by the HO respondent is copied across to other members of the household. The variable **HOPID** identifies who answered HO on behalf of the household.

This module collected or checked information about respondents' current housing situation, such as mortgages, value of property, rent etc, housing-related expenses, and ownership of cars. There are also questions on durable purchases (including amount spent) in the last 2 years, money spent in the last four weeks on clothes, and fuel expenditure.

Additionally, one of the cases from a duplicate household (see Section 1.2) has a value of 3 at **HOELI**. This indicates that this case was eligible to answer the HO module in their Wave 3 interview, but once this household was merged with its Wave 1 counterpart, someone from the former household was eligible instead.

Cognitive Function ("CF")

This module was the start of the 'private modules' block, i.e. those which were administered with no other household members present. The CF module was asked of all respondents (except proxies – see Proxies section) and measured different aspects of the respondent's cognitive function, including memory, speed, and mental flexibility.

Expectations ("EX")

This module was asked privately of all respondents (excluding proxies). It measured people's expectations in a number of dimensions; the level of certainty respondents felt about the future, financial decision-making within households and the time frame they thought about when making financial decisions. In Wave 3, respondents were asked about the extent to which they expect to move out of their current home at some time in the future, and those aged 60 or over were asked about the chances that they would move into a nursing home in the next five years. Respondents were asked two open questions about the most positive and negative things about growing older (although this data has not been archived as the answers are text variables – see the Dropped Variables section below).

Effort and Reward ("ER")

This module, which was asked privately of all respondents (excluding proxies), assesses respondents' motivations for doing voluntary work and caring for others and the relationship between effort and reward.

Psychosocial health ("PS")

This module was asked privately of all respondents (excluding proxies). This module assesses symptoms of depression, based on the CES-D depression scale. There are some additional psychosocial questions in the self-completion questionnaire.

Final questions ("FQ")

This module was asked privately of all respondents. It checked information given by respondents at the previous wave such as demographic information, qualifications, and the details of their "stable address contact" (i.e. someone who could be contacted if the respondent had moved at the next wave to find out their new address). In addition, respondents were asked to nominate someone who could do a proxy interview for them at the next wave if they were unable to be interviewed in person (see Proxies section below). If respondents had given their consent at Wave 2 to link their survey data to health and economic data from administrative sources they were given a verbal reminder of this consent. Respondents who had not consented to this at Wave 2 were asked if they would consent at this wave.

Walking speed (or Measurement – "MM")

This module could be conducted at any point in the interview after the HE module. The test of walking speed was completed by respondents aged 60 and over when it was judged safe to do so. Respondents were asked to walk a distance of 8 feet (244 cm) at their usual walking pace. This walk was performed twice by respondents, and the interviewer recorded the time taken using a stopwatch (see protocol in interviewer instructions).

Core Self-completion ("SC")

When respondents completed a full interview in a session alone, the self-completion questionnaire was usually left at the end to be returned by the respondent by post. However, when two respondents completed the interview in a concurrent session, one respondent completed the self-completion questionnaire while the other carried out the "private" modules of the personal interview (i.e. CF, EX, ER, PS, and FQ).

The self-completion questionnaire contained measures of well being and quality of life and questions about the respondent's social circumstances, for example their social participation, social networks and relationships. New questions were added at Wave 3 on fruit and vegetable consumption, social capital and loneliness.

Health and work Self-completions

In addition to the self-completion there were also two further vignette self-completions, one on health and one on work. These self-completions were given to a sub-sample of Wave 3 ELSA respondents and were experimental - one third of respondents were asked to complete the health questionnaire and another third were asked to fill in the work questionnaire (the final third only completed the core self-completion).

The Health and Work self-completions were both made up of two sections. The first asked respondents to rate various aspects of their own situation on a 5-point scale. These questions focus on mobility, pain, cognition, sleep, and depression.

In the second section of the two questionnaires, respondents were asked to rate the situation of various hypothetical people who experience different circumstances on the same 5-point scale used in the first section. Respondents were asked to assume that the hypothetical people used in section 2 have the same age and background that they have.

2.3 Proxies

If an eligible respondent was physically or cognitively impaired, or in hospital or temporary care for the whole of the fieldwork period, then a proxy interview was permissible. Interviewers were asked to identify a proxy informant (i.e. a person who could answer the interview on behalf of the eligible respondent). The proxy informant was a responsible adult (aged 16 years or over) who knew enough about the respondent's circumstances to be able to provide information about them. Where possible, a close family member such as a partner, son or daughter fulfilled this role.

People who were interviewed by proxy can be identified by variable **W3INDOUT**. The CAPI program guided the interviewer through the proxy interview automatically. However, only a subset of questions was asked during a proxy interview. The proxy interview contained the following modules (the asterisked modules were not asked for all respondents – see below):

HD*	Household grid
ID	Individual demographics
HE	Health
WP	Work and Pensions
IA*	Income and Assets
HO*	Housing
FQ	Final questions and consents

All proxy informants completed ID, HE, WP and FQ. Some specific questions for proxies were included in the Health module, HE.

The modules on household demographics and housing were done as part of the proxy interview only when no one else in the household was eligible for interview.

In cases where no one else in the same financial unit was eligible for interview, the proxy interview included the Income and Assets module. If two proxy interviews were needed for a couple, the Income and Assets module would only appear in one of the interviews (asking about both their finances). For couples comprising of one person who was interviewed by person and another who needed a proxy interview, the former would automatically be asked the Income and Assets module on behalf of the couple. The question about whether they keep finances together or separate would not be asked.

2.4 Institution Interviews

The Phase 2 deposit includes data from interviews that were carried out with respondents in institutions (please see Appendix A of the Wave 3 Project Instructions for a definition of an institution address). Institution interviews could be carried out in person or by proxy. Routing has been developed within the interview specifically for people who have moved into institutions.

People who had such interviews can be identified by variable **W3INDOUT**. The content of these interviews is broadly the same as the main interview. People in institutions were asked different questions in the Housing and consumption module and were not asked some questions in other

modules (namely **EXHVA** and **IAFUEL**). People in institutions who were interviewed by proxy were also not asked questions that non-institution proxy informants were not asked (see above).

The household identifiers for those who have moved out of a household and into an institution have been kept the same as for the household they have left, rather than being assigned a new one. This is only visible in the data where, for example, one respondent remains in the original household but another has moved into an institution. This decision was taken as some modules ask about the household as a whole and it would be confusing, especially in the Household Demographics module, if a respondent was being referred to who was now in a different household. Additionally, these modules may be asked of the respondent in the institution or the respondent still remaining in the previous household, depending on the circumstances.

The conceptual issues surrounding the allocation of these individuals' income and wealth (especially where they have a partner who remains in their previous household) are complex, and the imputation of financial variables for these individuals has not been attempted. Their values are set to '-10' for all Financial Derived Variables, which are available in a separate dataset from the Data Archive.

2.5 Use of Responses from Previous Interviews in the CAPI (Feed Forward)

In the ELSA Wave 3 program, answers given at previous interviews (i.e. Waves 2 or 1, or HSE) were used in the routing and question wording (i.e. textfills). For example, if a respondent reported that they had an eye condition (e.g. cataract) at Wave 2, they were asked particular questions at Wave 3 to find out if they still had this condition (**HEOPC**, **HEOPN, HEOPX, HEOPS**).

3 Sample Design and Fieldwork

3.1 Original Sample

The ELSA sample has been designed to represent people aged 50 and over, living in private households in England. Three years of the Health Survey for England (HSE) were originally selected as the sampling frame: 1998, 1999 and 2001. These years were chosen because they were recent and could provide a sufficiently large sample size. ELSA used the core samples for these years, all of which were nationally representative. The HSE 1999 sample design also included a boost sample that represented ethnic minorities. Because of funding constraints, it was not possible to follow-up the boost sample and it was discarded. Together these three HSE years contained 23,132 responding households.

Households were removed from the HSE sampling frame for ELSA Wave 1 if it was known that there was no adult of 50 years or older in the household who had agreed to be re-contacted at some time in the future. Individuals in the remaining households provided the basis for the ELSA Wave 1 sample (11,578 households containing 18,813 eligible individuals). The Wave 1 Technical Report, available from the Data Archive, provides more details.

3.2 Refreshment Sample

For Wave 3, a cohort of people born between 1 March 1953 and 29 February 1956 were added to the sample in order to 'refresh' it and make it representative of the youngest people. These people were selected from HSE 2001 - 2004. Households from these HSE survey years were selected for the study if at least one HSE interview was conducted with an eligible respondent in the household and they agreed to be re-contacted.

Note that the original sample and the refreshment sample overlap as a number of young partners in the original sample (from HSE 2001) moved into their 50's in Wave 3 and so were potential refreshment sample core members (i.e. born after 29 February 1952). If responding at Wave 3, these cases changed status from **C1YP** to **C3CM**.

It is important for users to note that the algorithm used to select Cohort 3 **excluded** potential eligible sample members born between 1st March 1952 and 28th February 1953. This has resulted in a gap of one year's birth between the original and refreshment samples. If we define age as age at 01/03/2006 (just prior to the beginning of Wave 3 fieldwork) then those aged between 53.0 and 53.99 years were omitted.

Overall, **103** of the potential eligible sample members born between 1st March 1952 and 28 February 1953 (the missing year of birth) were in fact successfully interviewed in Wave 3. Originally such individuals were classified as younger partners (if in the original sample) or older partners (if in the refreshment sample). These have now been reclassified as core members belonging to the refreshment sample. (Note, however, that they have been assigned zero cross-sectional weights: see Section 5).[1]

[1] Potential eligible sample members mistakenly not issued at Wave 3 will be followed up for interview at Wave 4.

3.3 Sample Types

Within households there were five different types of individual who were eligible to be invited to take part in the study: core sample members, core partners, younger partners, older partners and new partners. The variables **SAMPSTA** and **FINSTAT** give an indication of the sample type and final status respectively of each respondent. Each type of respondent is described in Box 1.

The Wave 1 interview took place in 2002–2003 and provided the baseline for the study. Eligible sample members who responded at this stage were renamed '**core members**' to distinguish them as the core element of the continuing ELSA sample. They were eligible for the main interview in Wave 2 unless they had since died, had explicitly asked not to be re-contacted at the end of an ELSA interview, or had moved out of Britain. Therefore, unlike Wave 1, respondents were eligible if they had moved to Wales or Scotland. This same rule applied again for Wave 3.

Several other categories of individuals were also eligible for an interview at Wave 3. These were the partners of core members (core partners, new partners, young partners, or older partners as described in Box 1).

Box 1 Summary of the eligibility criteria for the Wave 3 ELSA interview

Core members from the original sample were individuals who had been living within the household at the time of the HSE interview in 1998, 1999 or 2001, were born on or before 29 February 1952 and were subsequently interviewed as part of Wave 1 at a private residential address in England. They were not eligible after Wave 1 if they had since died, asked not to be revisited or moved out of Britain.

Core members from the refreshment sample were individuals born between 1st March 1952 and 29th February 1956, who were living within households that took part in HSE 2001-2004 where the age-eligible member of the household agreed to be re-interviewed. Unfortunately, the algorithm used to select the Wave 3 refreshment sample excluded potential eligible sample members born between 1st March 1952 and 28th February 1953 (see Section 3.2 above for more details).

Core partners (original sample only) were individuals who, like core members, had been living within the household at the time of the HSE interview in 1998, 1999 or 2001 and were born on or before 29 February 1952. However they were *not* interviewed as part of Wave 1, so missing the baseline survey. Consequently, they were only approached by virtue of their being the partner of a core member.

Young partners were the cohabiting spouses or partners of core members, who were living within the household at the time of the HSE. Young partners from the original sample were still cohabiting with the core member at the time of the Wave 1 interview and were born *after* 29 February 1952. **Young partners from the refreshment sample** were still cohabiting with the core member at the time of the Wave 3 interview and were born after 29th February 1956.

Older partners (refreshment sample only) were the cohabiting spouses or partners of core members, who were living within the household at the time of the HSE and were still cohabiting with the core member at the time of the Wave 3 interview. They were born before 1st March 1952.

New partners were the cohabiting spouses or partners of core members at the time of the ELSA interview at Wave 1, 2 or 3, who had joined the household since the original HSE interview.

Core partners, young partners and new partners who had been identified in Waves 1 or 2 were eligible for a full Wave 3 interview even if they were no longer living with a core member at the time of the second interview. That is to say, we attempted to interview all partners who had been living with a core member at the time of an ELSA interview and had been separated or divorced from

them, or had been widowed, so that we could understand their circumstances after this event had occurred. The only circumstances in which partners who had separated from the core member was not approached was if they had died, had explicitly asked not to be re-contacted at the end of their first ELSA interview, had left Britain or had moved into an institution. Ex-partners of core members will only be followed up once after leaving the core member's household.

This deposit of the Wave 3 data contains, from the original sample, **7535** core members, **91** core partners, **312** younger partners, **74** 'new' partners (found at previous Waves) and **26** new partners (found at this Wave). For the refreshment sample, this deposit contains **1275** core members, **142** older partners, **295** younger partners and **21** new partners (found at this Wave).

At Wave 3, two further types of interview were conducted with specific sub-populations. An '**end of life interview**' (also referred to as Exit interview) was sought with a relative, friend or carer of any core members who had died since responding to the first ELSA interview. The data from this interview will be deposited, separately, sometime in 2010. An '**institution interview**' was sought with core members who had moved from a private household after the first ELSA interview into a residential care home or similar institution, or with a proxy who could respond on their behalf. See Section 2.4 for more details about the institution interview.

3.4 Fieldwork

Fieldwork for Wave 3 of ELSA began in May 2006 and spanned 15 months, finishing in August 2007. Each eligible individual within a household was sent an advance letter inviting them to take part. Interviewers then visited or telephoned the households to explain the study and to interview willing individuals straight away, or to make appointments to call at a convenient time. A number of different approaches were used to encourage participation among the sample (see the ELSA Wave 2 and 3 Technical Reports for details).

4 Dataset Information

The core dataset has been archived for ELSA Wave 3. This lists cases at an individual level. There are **9771** cases in the Phase 2 deposit. This differs from the number of cases deposited at Phase 1 and, although we have asked that all copies of the Phase 1 data are deleted, we still think it is useful to illustrate the differences in the number of cases between the two datasets.

There are **five** cases that were in the Phase 1 data but are not in Phase 2. Two of these cases asked that their data be deleted, while the remainder had their outcome codes changed as a result of data cleaning and reconciliation (and no longer fell under the criteria for archiving).

There are **58** cases that were not in the Phase 1 data but are in Phase 2. 47 of these cases had an institution interview and the remaining 11 cases had problems with their data which have now been resolved.

There are three cases that have a value in SAMPSTA which may need clarification: **101166, 101375** and **107830**. These are partners who had left the household but subsequently moved back in, but they were not issued as part of the Wave 3 sample as they were not eligible for interview in their own right. The ELSA Technical Reports provide more details about eligibility and sampling. Also note that **107830** was initially thought to be new partner and were assigned an IDAUNIQ of **121362** at Phase 1.

There are **103** more refreshment sample core members (FINSTAT="C3CM") in the Phase 2 data than in the Phase 1. This is due to the inaccuracy since discovered with the sampling algorithm – please see Section 3.2 above for details.

One case has a changed value of FINSTAT in Version 2 of the Phase 2 data. This is because their date of birth was given as being in 1953 in their HSE interview (meaning they were originally given a FINSTAT of "C3CM") but it has been noted that in their Wave 3 interview they gave their date of birth as being in 1959 (meaning they have now been given a FINSTAT of "C3YP").

Data for ELSA respondents collected during HSE (referred to as "Wave 0" data) and ELSA Waves 1 & 2 can be used for longitudinal analysis. All of this data is available from the Data Archive.

The ELSA Wave 3 core dataset contains data in the following order:

- Key variables not in the questionnaire (e.g. serial number, outcome codes)
- Variables in the questionnaire (in the order they appear in the CAPI interview). A small number of additional variables that are associated with particular questionnaire variables are located alongside these variables in the data.
- Other variables not in the questionnaire (including administrative variables, other derived variables and variables fed forward from Wave 2).

The main group of respondents for analysis is the core members. Data on partners (i.e. core, younger, older and new partners) can be used as characteristics of the core members (i.e. to provide supplementary information), but these partners should not be analysed as individuals in their own right. The ineligible partners are unrepresentative, and any analysis using them would need to be unweighted.

4.1 Serial Numbering

Constant Serial Numbers

All the ELSA data files deposited in the archive contain a unique individual analytical serial number (**IDAUNIQ**) to enable users to link the different files. Each respondent will have a unique value for **IDAUNIQ,** which will remain constant.

Wave-specific household serial number

The five digit household serial number (**IDAHHW3**) was randomly generated for the archived dataset, and does not relate to the serial number used during interviewing. The dataset for each wave of ELSA (including "Wave 0", i.e. HSE) contains a different set of household serial numbers (**IDAHHW0**, **IDAHHW1** etc.). It is necessary to have a different household serial number for each wave as respondents can change households between waves. An Index File is available from the Data Archive which enables data users to link the household serial numbers in order to compare data for each respondent and household at different waves.

Wave-specific individual serial number

There is no wave-specific individual serial number for Wave 3 – please use **IDAUNIQ** instead.

Person number

Each person within the household was given a number, starting from 1, at the time of the HSE interview (**PERID**). The numbering was continued for new people that entered the household after the HSE interview. This number is used for several variables. For example, it is used to indicate which one of the other people in the household is the respondent's partner (see variable **CPID**), or to identify the person in the household that responded to particular questions such as the Income and Assets module (see variable **IAPID**).

4.2 Multi-Coded and Dichotomous Variables

A major change in the way that ELSA data is archived has occurred with regards to multi-coded variables. A variable is defined as multi-coded if more than one response could be given e.g. favourite activities are reading *and* going to the cinema. For Wave 3, and beyond, such variables will be archived as dichotomous variables, with each answer option being coded as 'mentioned' or 'not mentioned'. Please note that although the way the data is presented is different, no change was made to the way the questions were asked during the interview.

For example, data from the series of questions **EXRELE01** – **EXRELE10** ("Whether having too little money stops them from doing things") was outputted as multi-coded variables at previous waves. Therefore, there was a variable for the respondent's first response to the question, second response and so on. Each variable had the following answer options:

1 Buy your first choices of food items
2 Have family and friends round for a drink or meal
3 Have an outfit to wear for social or family occasions
4 Keep your home in a reasonable state of decoration
5 Much better off
6 Pay for fares or other transport costs to get to and from places you want to go
7 Buy presents for friends or family once a year
8 Take the sorts of holidays you want
9 Treat yourself from time to time

96 None of these.

As of Wave 3, the data will be outputted as dichotomous variables so there is a variable for each response category for that question which shows whether or not the respondent gave that response. The variables in the data are now:

***EXRELEFO*:** Things interviewee is not able to do because of having too little money: Buy your first choices of food items.
EXRELEME: Things interviewee is not able to do because of having too little money: Have family and friends round for a drink or meal.
EXRELEOU: Things interviewee is not able to do because of having too little money: Have an outfit to wear for social or family occasions.
…
***EXREL96*:** Things interviewee is not able to do because of having too little money: None of these.

These questions now have much simpler answer options of:
0 Not mentioned *(i.e. respondent did not give this answer)*
1 Mentioned *(i.e. respondent did give this answer).*

The new dichotomous variables have been given different names in order to distinguish them from their multi-coded equivalents at previous waves. The variable names now have a common 'stem' for each question (**EXRELE** in the example above), and then two or three letters to indicate the answer option. Where answer options are the same between questions, the same two or three letters have been used each time for consistency. Please see Appendix 7.3 for a table that shows the variable name and label changes that have occurred between Wave 2 and Wave 3.

4.3 Interview Outcome

Individual and household level interview outcomes are given in **W3INDOUT** and **W3HHOUT** respectively. The individual outcome is a two-digit code while the household outcome has three digits.
There are three additional outcome codes for the self-completion questionnaires – **OUTSCW3** for the core self-completion, and **OUTSHW3** and **OUTSWW3** for the health and work vignette self-completions respectively. For the latter two outcomes, if a respondent has a value of '-1' it means they were not part of the sub-sample selected to receive that questionnaire.

4.4 Survey Module Identifiers

Some modules in the interview were answered by all interviewed individuals whereas others were not. Each of the modules that could be answered by one individual on behalf of others has a variable that identifies the person who answered the module:

- Household Demographics = **DHRESP**
- Income and Assets = **IAPID**
- Housing = **HOPID**

Where modules were answered by one person on behalf of others, information was copied directly to the other member(s) of the household or financial unit.

4.5 Age

DHDOBYR and **DHAGER** provide the date of birth and age of respondents recorded in the household grid. Note that respondents may not have provided this information themselves (as anyone in the household can complete the household grid). All respondents aged 90 or over have been given the following values for these variables for confidentiality reasons: **DHDOBYR**=-7 and **DHAGER**=99.

DIAGR is the age given in the individual interview. Again, all respondents aged 90 or over have been given a value of 99 for this variable for confidentiality reasons. **DIAGR**=99.

INDOBYR is derived from the date of birth variables from the household grid (**DHDOB**, not archived) and individual interview (**DIDBN**, not archived). If the variable from the individual session was answered (**DIDBNY**) then this value was used; otherwise the value from the household grid (**DHDOB**) was used in the derivation. **INDOBYR** provides the year of date of birth only; the day and month of birth have been dropped from the dataset to retain confidentiality.

INDAGER is computed from date of birth (**INDOB**, not archived) and date of interview (**INTDAT**, not archived). All respondents over age 90 have been classified as 99 years old for confidentiality reasons.

There were a small number of respondents whose age was not given (and had a value of -9) or was not known at the questions **DHAGER** and **DIAGR**. We have preserved the original answers as given in the Wave 3 interview but have filled in these respondents' ages from data given in previous interviews in **INDAGER**. There is still one respondent, however, who has a value of -8 ("Don't know") in **INDAGER**. This person is a new partner found at Wave 3 and so we do not have any previous information about them to refer to.

For age analysis, **INDOBYR** and **INDAGER** are the **suggested variables to use.**

4.6 Gender

DISEX was the sex given in the respondent's individual questionnaire session. **DHSEX** was given in the household demographics module. **INDSEX** is derived from these two variables. If the variable from the individual session was answered (**DISEX**) then this value was used; otherwise the value from the household grid (**DHSEX**) was used in the derivation.

4.7 Financial Variables

ELSA contains very detailed information on all aspects of finances. Summary variables have been derived and are available from the Data Archive (as "Wave_3_Financial_Derived_Variables_v2").

There is a Pension Grid included with the Phase 2 deposit, which contains information at a pension-level. As a result of this additional dataset, the corresponding variables have been removed from the main deposit – these variables are **WPPENT** to **WPMORP7** inclusive. Additionally, there is a Mortgage Grid included with the Phase 2 deposit. This contains variables relating to mortgages held by the household, which were not archived at Phase 1. Each observation is identified by the household identifier (**IDAHHW3**), and a mortgage identifier within that household (**MID**).

4.8 Dropped Variables

The following types of variables have been deleted in order to reduce the potential to identify individuals and for other reasons (specified below):

1. Those containing text

2. Those which contained a personal identifier (e.g. name/address)

3. Those considered to be disclosive, such as:

- Detailed ethnicity
- Specific country of birth
- Full interview date
- Full date of birth
- Council tax payments (Different councils charge different amounts and therefore the amount may reveal the area the respondent lives in)
- Water and sewerage charges (These vary in different areas and therefore the amount may reveal the area the respondent lives in)

4. Timing variables, which give the time at specific points in the interview (used for administration purposes)

5. Variables that only contain missing values – excluded because not useful. Such variables have only been kept if they are integral to the structure of the data.

There are no geographical variables in the archived dataset. Wave 3 geographical variables can be requested via the NatCen Data Release Panel. Please contact the ELSA Data Manager for more details (see the Contact Details section of this User Guide).

4.9 Household Demographic Variables

In the household grid there are a number of indicators that are computed within the interview program itself – clarification of how some of these are calculated is below.

HHTOT – this simply counts all people still living in the household, i.e. it **doesn't** count people in institutions. There are a small number of cases for whom **HHTOT** = 0. All of these are cases where the respondent was found to have moved into an institution at Wave 3. Please see Section 2.4 for details of the institution interview, and how respondents in institutions are treated in the financial derived variables.

CHINHH – this is set to 1 (Yes) for each person with relationship of parent through to step-parent to any other household member.

CHOUTHH – this is set to 1 (Yes) for each person coded as either Parent A (at DhPA) or Parent B (at DhPB) in the latter part of the module.

4.10 Coding and Editing

Additional coding and editing tasks were performed after the interviews were conducted. The ELSA Wave 3 Code Book and Edit Instructions document (deposited with this User Guide) provides details of the tasks that were conducted.

Coding

The coding of responses was mostly dealt with by the CAPI questionnaire through the use of fully closed questions. There were, however, a number of questions where a code frame was not used in order to capture all responses to a particular question verbatim. The responses to these 'open' questions were coded into separate variables after the interview was conducted**.** The coded responses to open questions are in the core dataset, but as mentioned above the original text responses have been removed to reduce the potential to identify individuals.

Other questions in the CAPI questionnaire had code frames that included an 'other' option (e.g. **DIKLIV**). In these 'other-specify' questions, interviewers could use this option if the respondent's answer did not fit any of the codes or if they were not confident of coding into the prescribed codes. In these cases, the interviewer recorded the full 'other' answer at a follow up question (e.g. 'other' responses relating to **DIKLIV** were recorded in **DIKLO** – not archived).

If these other-specify questions were 'single coded', i.e. when only 1 option could be chosen (e.g. **DIKLIV**) then the text answers were coded and incorporated into the original coded variable (i.e. **DIKLIV**).

For all previously multi-coded variables (now dichotomous) that were coded, there are two sets of variables. The first are the original variables that contain the answers recorded by the interviewer (e.g. **SPTRBUNA** to **SPTRB95 -** named **SPTRAB1** to **SPTRAB7** in previous waves). The second set of variables contain the original coding plus the codes assigned to "other answers" (e.g. **SPTRMUNA** to **SPTRM86 -** named **SPTRM01** to **SPTRM07** in previous waves). Note that the letter 'm' added to these variable names after the 'stem' (**SPTR**) means that they contain 'merged' original and coded answers. This naming convention was followed consistently so the final merged variables can be identified by name. The merged variables should be used instead of the original variables. Please note that the variables referred to above have now been re-named in accordance with the convention specified in Section 4.2.

EDITING

As with the coding, most of the editing for the ELSA Wave 1 questionnaire was carried out by the interviewers in the field. However, there were some additional checks that related to inconsistencies in the data that were carried out after the interview.

4.11 Missing Values

For most questions there are the following missing values:

-1 Not applicable
-8 Don't know
-9 Refusal

For some questions, a response of 'don't know' or 'refusal' was not permitted. This is indicated in the questionnaire.

For various reasons, some respondents did not complete the questionnaire. Where possible, for these 'partial' interviews, the questions that were not asked were coded as –1 (not applicable).

The only module where the missing values differ is the Self Completion module (SC). Here, the missing values are:

-1 Not applicable
-9 Not answered

4.12 Identifying Respondents Who Had a Proxy or Institution Interview

Two flag variables have been created to aid with identifying those respondents who had a proxy or institution interview. The individual outcome code (**W3INDOUT**) can be used to identify the majority of these respondents, but it is recommended that the flag variables (**ASKPX** and **ASKINST**) are used as the latter highlights three respondents who were in institutions but did **not** follow the institution route in the interview.

There is one case who is classified as having had an institutional interview in Version 2 of this data but was not classified as such before. Their individual outcome code and value of **ASKINST** have been amended accordingly. This is partly due to the fact that this respondent was interviewed as if they were in a different household to their partner, but as has already been mentioned in Section 2.4, we do not consider respondents who have moved into institutions to be in different households in terms of **IDAHHW3**. The relevant data for this case has been corrected for Version 2.

5 Weighting

ELSA Wave 3 data can be analysed either as a cross-section or longitudinally.

- Cross-sectional analysis uses data collected at a particular wave.
- Longitudinal analysis involves data collected from more than one wave for the purposes of analysing change.

Cross-sectional and longitudinal weights support these two different estimation objectives. This section briefly describes the cross-sectional and longitudinal weights constructed at Wave 3 in turn, beginning with the longitudinal weight.

In both cases, weights are calculated for core members living in private households only (including proxy, partial and telephone interviews), as this is the sample of interest. Key groups having zero weights are:

- Core members living in institutions
- Partners of core members (i.e. core, new, younger and older partners)

All other non-sample individuals that were interviewed (i.e. core, new, younger and older partners) have weights of zero.

When running weighted analyses, researchers should remember to exclude non-sample members in the unweighted base, if quoted. The data for partners can be used as characteristics of the core members (i.e. supplementary information).[2]

Where possible we recommend that analysis be conducted on weighted data since this should help to reduce bias from non-random non-response. That is, non-response weighting aims to correct for systematic differences in response rates across sub-groups. Groups with the lowest response rates receive the higher non-response weights. The equal probability design of the HSE samples, and the fact that the ELSA sample included all eligible adults from the HSE, eliminates any need for weights to account for unequal chances of selection. However, non-response at HSE, refusals to be re-interviewed post-HSE and non-response at ELSA Waves 1, 2 and 3 all have the potential to make the ELSA respondent sample unrepresentative of those groups less likely to initially respond to the study and/or to stay in the panel.

5.1 Longitudinal weight

The longitudinal weight (**W3LWGT**) has been calculated in Wave 3 for the set of 7,168 core members who have responded to **all** three waves of ELSA and remain living in private households. The sequential nature of the weighting means that we attempt to try to reduce any bias arising between each wave of ELSA.[3]

[2] If non-core sample members are to be analysed they should be analysed unweighted.

[3] That is to say, longitudinal weights are based on a sequence of attrition models for each wave, which is multiplied by the weight created at the previous wave. In this case, the weight derived in Wave 3 builds on the Wave 2 weight, which, in turn, built on the weight created in Wave 1. Generally, the weights from the last wave of any longitudinal sequence should be used.

As with other longitudinal studies (e.g. The British Household Panel Study or the Families and Children's Study), the longitudinal weight is only defined for the subset of cases who have taken part at all waves up to and including the present wave. At each wave, the fully responding core members are re-weighted to take account of the previous wave's respondents lost through refusal at the **current** wave or through some other form of sample attrition.

Core members from the original sample who returned to the study at Wave 3 after missing Wave 2 do not, therefore, have a positive longitudinal weight. The 314 core members who fulfil this criterion do, however, have a positive cross-sectional weight, which is discussed in the next section.

5.2 Cross-sectional weight

Longitudinal surveys are often not as useful as cross-sectional surveys at providing cross-sectional estimates. For example, compared with estimates from a cross-sectional survey, cross-sectional estimates from a longitudinal survey (from Wave 2 onwards) may be more likely to suffer from coverage error (because the sample was selected longer ago and may not include recent additions to the population of interest such as immigrants). Also, a longitudinal survey may experience lower response rates than a cross-sectional survey.

Nevertheless, in order to support cross-sectional analysis of the Wave 3 data, a cross-sectional weight was derived that allows for the inclusion of new entrants (refreshment sample core members) who, by definition, do not have a longitudinal weight. A number of core members from the original sample also returned to the study at Wave 3 after missing Wave 2 (wave non-respondents). All core members responding at Wave 3 can be described as the combined sample.

The cross-sectional weight (**W3XWGT**) defined for the combined sample at Wave 3 was calculated separately for the following groups:

- The original sample (fully responding cases and those who returned to the study at Wave 3 after missing Wave 2)
- The refreshment sample chosen from HSE 2001 – 2004

The cross-sectional weighting for the refreshment sample was complicated by the initial omission of persons born between 1st March 1952 and 28th February 1953. As mentioned in Section 4, 103 individuals originally classified as younger or older partners have been reclassified as core members. These individuals, however, have been given a zero cross-sectional weight (as they do not represent a random sample of persons in HSE 2001 – 2004 born during this year). A non-zero weight will be assigned to these cases at Wave 4 as we intend to go back to the cases mistakenly excluded from the sampling.

For each group, the cross-sectional weighting aimed to correct for sub-group differences in the propensity to respond. The final step in the calculation of the cross-sectional weight involved computing a scaling factor to ensure that the **combined** sample of the original and refreshment samples were represented in the same proportions in which they appear in the population (taken from the 2006 household population estimates provided by the Office for National Statistics).

6 Contact details

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7 Appendices

7.1 Other ELSA Files Deposited at UK Data Archive

There is now a separate document which has been deposited, containing a table showing the ELSA data and documentation currently (or prospectively) available from the UK Data Archive: *http://www.data - archive.ac.uk/doc/5050/mrdoc/pdf/ELSA_data_and_documentation_currently_available_from_UKDA.pdf*

In addition to the materials mentioned in this table, the following reports are also available:

"Living in the 21st century: older people in England. THE 2006 ENGLISH LONGITUDINAL STUDY OF AGEING (Wave 3)";

"Retirement, health and relationships of the older population in England: THE 2004 ENGLISH LONGITUDINAL STUDY OF AGEING (Wave 2)";

"Health, wealth and lifestyles of the older population in England: THE 2002 ENGLISH LONGITUDINAL STUDY OF AGEING (Wave 1)".

These reports can be downloaded from: *http://www.ifs.org.uk/elsa/publications.php*

7.2 Additional Variables Deposited at Phase 2

This table shows variables that were deposited at Phase 2 that were not deposited at Phase 1, along with their variable labels for clarification. Additionally, the first two variables in this table are new to Phase Version 2.

In Phase 2 Version 2 we have also re-named all the variables to be in lower case.

Some feedforward variables for the Health module were also added for Phase 2 – these are at the bottom of the table and have a 'c' prefix.

Variable name	**Variable label**
hseyr	HSE source survey year
cfprom	Whether respondent is able to do prospective memory test
sampsta	Type of sample member
finstat	Final status at Wave 3
w3hhout	Cleaned household outcome code
w3lwgt	Wave 3 longitudinal weight
w3xwgt	Wave 3 cross sectional weight
cpid	Person number of partner

chouthh	Whether respondent has a child outside the household
chinhh	Whether respondent has a child in the household
gcinhh	Whether respondent has a grandchild in the household
mainhh	Whether the mother of the respondent is in the household
painhh	Whether the father of the respondent is in the household
hhtot	Number of people in household (computed)
whoso1	No-one other than respondent and interviewer in the room
whoso2	Whether spouse or partner of respondent was also in the room
whoso3	Whether other household member (adult) was also in the room
whoso4	Whether other household member (child) was also in the room
whoso5	Whether someone who was not a household member was also in the room
concur	Whether interview was concurrent or not
ordcon	Person number of first person interviewed concurrently
diklivc	Whether answer to DIKLIV was recoded post-interview from text answer
heslfcy	Diabetes: year of most recent training
heaghr	Month told had psychiatric problems since last interview
heaghry	Year told had psychiatric problems since last interview
hestopc	Whether answer to HESTOP was recoded post-interview from text answer
wptawc	Whether answer to WPTAW was recoded post-interview from text answer
wpdesc	Whether answer to WPDES was recoded post-interview from text answer

wpwyjmpa	Reason for taking this job (merged var): pay was enough
wpwyjmho	Reason for taking this job (merged var): hours suited me
wpwyjmti	Reason for taking this job (merged var): could arrive/leave at times that suited
wpwyjmca	Reason for taking this job (merged var): to progress my career
wpwyjmco	Reason for taking this job (merged var): content of job suited me
wpwyjmbu	Reason for taking this job (merged var): started own business/became self-employed
wpwyjmfb	Reason for taking this job (merged var): started work in family business
wpwyjmon	Reason for taking this job (merged var): was only job I could get
wpwyjmfi	Reason for taking this job (merged var): was first job I found
wpwyjmlo	Reason for taking this job (merged var): local/nearer to home
wpwyjmbc	Reason for taking this job (merged var): better conditions and benefits
wpwyjmto	Reason for taking this job (merged var): company taken over/departmental reorganisation
wpwyjmch	Reason for taking this job (merged var): bored/wanted a change
wpwyjmmo	Reason for taking this job (merged var): needed money/earn extra on retirement
wpwyjmhh	Reason for taking this job (merged var): was offered the job/head-hunted
wpwyjmph	Reason for taking this job (merged var): less physically demanding/stressful
wpwyjmhf	Reason for taking this job (merged var): to help out friend/relative/institution
wpwyjm85	Reason for taking this job (merged var): other answer not codeable 1-18

wpwyjm86	Reason for taking this job (merged var): irrelevant response
cfprom	Whether respondent is able to do prospective memory test
nrow	Letter cancellation task: row reached (1 – 26)
nclm	Letter cancellation task: column reached (1 – 30)
ncorrect	Letter cancellation task: number correctly marked (0 – 65)
nmissed	Letter cancellation task: number missed (0 – 65)
nrowclm	Letter cancellation task: Computed (30*(NROW-1) + NCLM)
mmaidc	Whether answer to MMAID was recoded post-interview from text answer
outscw3	Outcome of core self completion
outshw3	Outcome of health self completion
outsww3	Outcome of work self completion
askpx	Whether respondent had a proxy interview
askinst	Whether respondent had an institutional interview
futype	Financial unit type
qver	Questionnaire version
chefla	*Wave 3 Health Feedforward variable: Whether fallen down in the last two years, reported at Wave 3.*
chefrac	*Wave 3 Health Feedforward variable: Whether ever fractured hip, reported at Wave 3.*
cheji	*Wave 3 Health Feedforward variable: Whether ever had any joint replacements, reported at Wave 3.*
chesmk	*Wave 3 Health Feedforward variable: Whether reported ever smoked cigarettes at Wave 3.*
cheska	*Wave 3 Health Feedforward variable: Whether smokes cigarettes at all nowadays, reported at Wave 3.*
cheacd	*Wave 3 Health Feedforward variable: Whether ever been told has diabetes by doctor, reported at Wave 3.*

7.3 Notes About Particular Variables

Variable name in interview	Note
sptraa	Please note that some of the questions that ask about the frequency with which respondents do certain tasks now have different answer options. These changes have been made to make the questions (and answers) more specific For example, at Wave 2 the question **SPTRAA** ("How often do you use public transport?") was as follows: 1 A lot 2 Quite often 3 Sometimes 4 Rarely 5 Never But at Wave 3 the answer options are now: 1 Every day or nearly every day 2 Two or three times a week 3 Once a week 4 Two or three times a month 5 Once a month or less 6 Never
fqmqua, fqaqua	Respondents who had reported their qualifications at their last ELSA interview should have been asked Fqmqua (whether they have obtained any new qualifications since their last interview) at Wave 3. However, due to an error with the feed forward data, these respondents were in fact asked Fqaqua (whether they have any qualifications).
hegenh	In Wave 1 there were two self-report health variables: hegenh (also used in the Health Survey for England) and hehelf (also used in the Health and Retirement Survey, USA). In Wave 2 hehelf was used alone and in wave 3 hegenh. Wave 4 will revert to hehelf.
heopn1 - 4	Code 4 is new in Wave 3 to differentiate those who may have previously been mis-recorded as having the disease because of respondent or interviewer error, and those who had previously believed they had the disease but now say that this was a mis-diagnosis. Although code 4 suggests that there was a change of mind by clinicians, it is possible that the respondent had interpreted the clinician's diagnosis wrongly. Anyone who is coded 2 at question heopn ('no longer') is also coded 2 at heopx (not archived). Anyone who said they had the condition at the last interview was recoded to 1 at question heopc.
hediaw	The diagnoses fed back to respondents are the ones originally coded or recorded by the interviewer. They ignore any recoding of 'other' answers done by coders and included in the previous

	interview's hedizm variables.
hedian1 - 10	Code 4 is new in Wave 3 to differentiate those who may have previously been mis-recorded as having the disease because of respondent or interviewer error and those who had previously believed they had the disease but now say that this was a mis-diagnosis. Although code 4 suggests that there was a change of mind by clinicians, it is possible that the respondent had interpreted the clinician's diagnosis wrongly. All those who used code 2 at question hedian ('no longer') also said that did not have the condition last time interviewed (hediax – not archived) - if they said they did then the interviewer recoded hediac to code 1.
hedias	Those who have previously reported the following conditions and not since denied every having the diagnoses are not asked if they still have the condition: heart attack, stroke, diabetes or high blood sugar. In Wave 2 this question was asked of those with diabetes or high blood sugar.
hediaw9	In Wave 2 hediaw9 referred to 'other' but, because high cholesterol was introduced in wave 2, hediaw10 now refers to 'other' and hediaw9 to high cholesterol.
hediaa1	These variables should be read in conjunction with feed forward variables and those giving age or year of diagnosis. A new report does not necessarily imply recent incidence of the disease.
hedizm1	These variables combine the original coding in hedia1-96 with the back-coding of 'other' answers from the hedia95 and the text variable hedix. There is one variable for each condition.
hemda	In Wave 3 applies to those who reported high blood pressure at hediaa in wave 3 or those who reported they still had high blood pressure at hedias or hedian. In Wave 2 it applied to those who reported high blood pressure at Wave 2 hediaa.
heyra	In Wave 3 applies to those who reported angina at hediaa and to those who had previously reported angina and did not know deny ever having it. In Wave 2 it only applied to those who reported at hediaa.
henmmi	In Wave 3 applies to those who reported heart attack at hediaa and to those who had previously reported heart attack and did not know deny ever having it. The reference period is the last two years. In Wave 2 it only applied to those who reported at hediaa and had been a participant at Wave 1. They were asked about number of heart attacks since their Wave 1 interview. In Wave 2 there was a separate variable heyrb, asked of those who reported heart attack at Wave 2 hediaa but not at Wave 1 hediaa. They were asked whether had had a heart attack in the last two years.
heacd	Need to use feed forward variable cheacd to identify all those who have ever reported diabetes. In Wave 3 the variable applies to those who newly reported a diagnosis of diabetes or high blood sugar and to those who had reported diabetes or high blood sugar previously but had code 2 at Wave 2 heacd or who did not answer this question at Wave 2. In Wave 2 this question simply applied to those who had reported diagnosis of diabetes or high blood sugar either at Wave 1 or at Wave 2.

heslfcr	If respondent had previously taken part the question refers to time since last interview; for respondents new to the survey the question refer to ever having participated.
henmst	In Wave 3 applies to those who reported stroke at hediaa and to those who had previously reported stroke and did not know deny ever having it. The reference period is the last 2 years. In Wave 2 it only applied to those who reported at hediaa and had been a participant at Wave 1. In Wave 2 respondents were asked about number of strokes since the wave 1 interview.
hehrtmd	This is similar to question hehrtb in Wave 2 but the eligibility very slightly different (includes those who had codes 2 or 3 at hedian)
hediam1 - 9	Code 4 is new in Wave 3 to differentiate those who may have previously been mis-recorded as having the disease because of respondent or interviewer error and those who had previously believed they had the disease but now say that this was a mis-diagnosis. Although code 4 suggests that there was a change of mind by clinicians, it is possible that the respondent had interpreted the clinician's diagnosis wrongly. All those who used code 2 at question hediam ('no longer') also said that did not have the condition last time interviewed (hediamx – not archived) - if they said they did then the interviewer recoded hediad to code 1.
hedids	Those who have previously reported the following conditions and not since denied every having the diagnoses are not asked if they still have the condition: psychiatric conditions, Alzheimer's Disease. In Wave 2 this question was asked for these conditions.
hediab1	These variables should be read in conjunction with feed forward variables and those giving age or year of diagnosis. A new report does not necessarily imply recent incidence of the disease. There is one variable for each condition.
helng	In Wave 3 the variable applies to those who report chronic lung disease at hediab and also to those who say they still have lung disease at hedids or hediam. In Wave 2 it also applied to those who confirmed diagnosis of lung disease, regardless of the answer at hedids.
heama	In Wave 3 the variable applies to those who report asthma at hediab and also to those who say they still have asthma at hedids or hediam. In Wave 2 it also applied to those who confirmed diagnosis of asthma, regardless of the answer at hedids.
heart1 - 3	There is one variable for each condition.
heagg	From Wave 3, leukaemia and lymphoma asked separately.
hecanaa	In Wave 2 a similar variable was hecana but from Wave 3 cases of leukaemia and lymphoma expected to occur more commonly under hediab code 10 and hediab.
hepsy1 - 8	There is one variable for each condition.
heji	Please check the reference period of this question before using.
hejiaa1 - 5	In Wave 3 there is one variable for each joint.
hejibrh	In Wave 2 reasons for replacement of right hip, left hip, right knee, left knee are asked separately .In Wave 2 reasons were asked for hip replacements only and did not distinguish if it for right or left hip.

hepawh1	The questions on pain were reorganised in Wave 3
hebck	In Wave 3 the questions hebck, hehip, hekne, hefet are only asked if the respondent has already indicated pain in that part of the body or all over. In Waves 1 and 2 they were asked of all who reported pain at hepain. Hence the question now applies to a subset of those to whom it previously applied.
hepac	This set of questions not asked of all those who might have been eligible owing to error in question Heart routing.
heknea	This set of questions not asked of all those who might have been eligible owing to error in question Heart routing.
heand1	This question is not part of the standard Rose angina sequence but was included because of problems with knowing whether those who report never/cannot walking do experience chest pain that might indicate angina. The reference is to walking at an ordinary pace on level ground if the answer to heanc is code 4, otherwise to walking uphill.
herpd	In Wave 3 excluded those who had answered question heanb and said could not work.
herpe1	This question is not part of the standard MRC respiratory sequence but was included because of problems with knowing whether those who report never/cannot walk do experience being short of breath. The reference is to walking with people of own age on level ground if herpe coded 3, otherwise to "uphill or hurry".
hecdd1	This question is not part of the standard claudication sequence but was included because of problems with knowing whether those who report never/cannot walk do experience pain that might indicate claudication. The reference is to walking at an ordinary pace on the level if heacdd coded 3, otherwise to walking uphill or hurrying.
hehph1	In Wave 3 separate questions about help are asked depending on the difficulties reported. In Waves 1 and 2 this distinction was not made. Note that not all the difficulties are covered by these questions so those who only had the difficulties that were not covered were not asked who helped them.
hehpw1	In Wave 3 separate questions about help are asked depending on the difficulties reported. In Waves 1 and 2 this distinction was not made. Note that not all the difficulties are covered by these questions so those who only had the difficulties that were not covered were not asked who helped them.
hehpd1	In Wave 3 separate questions about help are asked depending on the difficulties reported. In Waves 1 and 2 this distinction was not made. Note that not all the difficulties are covered by these questions so those who only had the difficulties that were not covered were not asked who helped them.
hehpp1	In Wave 3 separate questions about help are asked depending on the difficulties reported. In Waves 1 and 2 this distinction was not made. Note that not all the difficulties are covered by these questions so those who only had the difficulties that were not covered were not asked who helped them.

hehpt1	In Wave 3 separate questions about help are asked depending on the difficulties reported. In Waves 1 and 2 this distinction was not made. Note that not all the difficulties are covered by these questions so those who only had the difficulties that were not covered were not asked who helped them.
hehpm1	In Wave 3 separate questions about help are asked depending on the difficulties reported. In Waves 1 and 2 this distinction was not made. Note that not all the difficulties are covered by these questions so those who only had the difficulties that were not covered were not asked who helped them.

7.4 Variables With a Different Name or Label to Wave 2

The table below shows all variables that have either a different variable name or different variable label to Wave 2. This table includes, but is not exclusive to, the sets of variables that were previously deposited as multi-codes but are now deposited as dichotomous.

The first column of the table shows the variable **name** as it appears in the CAPI interview program. The next two columns show the variable **labels** that were archived at Wave 2 and Wave 3, and the last column shows the **name** of the variable as it is archived here (if different from that in the first column).

Variable name in interview	Wave 2 archived variable label	Wave 3 archived variable label	Wave 3 archived variable name
heopn1	Reason disputed glaucoma diagnosis from wave 1	Reason disputed glaucoma diagnosis fed forward	heopngl
heopn2	Reason disputed diabetic eye disease diagnosis from wave 1	Reason disputed diabetic eye disease diagnosis fed forward	heopndi
heopn3	Reason disputed glaucoma diagnosis from wave 1	Reason disputed macular degeneration diagnosis fed forward	heopnmd
heopn4	Reason disputed cataract diagnosis from wave 1	Reason disputed cataract diagnosis fed forward	heopnca
heopt1	Diagnosed eye condition newly reported at W2 (1st mention)	Eye: glaucoma diagnosis newly reported	heoptgl
heopt2	Diagnosed eye condition newly reported at W2 (2nd mention)	Eye: diabetic eye disease diagnosis newly reported	heoptdi
hediaw	Which cardiovascular condition from wave 1 referred to (high BP)	Diagnosed high blood pressure fed forward	hedawbp
hediac	Whether confirms high blood pressure recorded in wave 1	Whether confirms high blood pressure diagnosis	hedacbp
hedian	Reason disputed high blood pressure diagnosis from wave 1	Reason disputed high blood pressure diagnosis fed forward	hedanbp
hedias	Whether still has high blood	Whether still has high blood	hedasbp

	pressure at wave 2	pressure	
hediaw2	Which cardiovascular condition from wave 1 referred to (angina)	Diagnosed angina fed forward	hedawan
hediac2	Whether confirms angina recorded in wave 1	Whether confirms angina diagnosis	hedacan
hedian2	Reason disputed angina diagnosis from wave 1	Reason disputed angina diagnosis fed forward	hedanan
hedias2	Whether still has angina at wave 2	Whether still has angina	hedasan
hediaw3	Which cardiovascular condition from wave 1 referred to (heart attack)	Diagnosed heart attack fed forward	hedawmi
hediac3	Whether confirms heart attack recorded in wave 1	Whether confirms heart attack diagnosis	hedacmi
hedian3	Reason disputed heart attack diagnosis from wave 1	Reason disputed heart attack diagnosis fed forward	hedanmi
hediaw4	Which cardiovascular condition from wave 1 referred to (congestive hrt failure)	Diagnosed congestive heart failure fed forward	hedawhf
hediac4	Whether confirms congestive heart failure recorded in wave 1	Whether confirms congestive heart failure diagnosis	hedachf
hedian4	Reason disputed congestive heart failure diagnosis from wave 1	Reason disputed congestive heart failure diagnosis fed forward	hedanhf
hedias4	Whether still has congestive heart failure at wave 2	Whether still has congestive heart failure	hedashf
hediaw5	Which cardiovascular condition from wave 1 referred to (a heart murmur)	Diagnosed heart murmur fed forward	hedawhm
hediac5	Whether confirms heart murmur recorded in wave 1	Whether confirms heart murmur diagnosis	hedachm
hedian5	Reason disputed heart murmur diagnosis from wave 1	Reason disputed heart murmur diagnosis fed forward	hedanhm
hedias5	Whether still has heart murmur at wave 2	Whether still has heart murmur	hedashm
hediaw6	Which cardiovascular condition from wave 1 referred to (abnormal heart rhythm)	Diagnosed abnormal heart rhythm fed forward	hedawar
hediac6	Whether confirms abnormal heart rhythm recorded in wave 1	Whether confirms abnormal heart rhythm diagnosis	hedacar
hedian6	Reason disputed abnormal heart rhythm diagnosis from wave 1	Reason disputed abnormal heart rhythm diagnosis fed forward	hedanar

hedias6	Whether still has abnormal heart rhythm at wave 2	Whether still has abnormal heart rhythm	hedasar
hediaw7	Which cardiovascular condition from wave 1 referred to (diabetes)	Diagnosed diabetes or high blood sugar fed forward	hedawdi
hediac7	Whether confirms diabetes recorded in wave 1	Whether confirms diabetes or high blood sugar diagnosis	hedacdi
hedian7	Reason disputed diabetes diagnosis from wave 1	Reason disputed diabetes or high blood sugar diagnosis fed forward	hedandi
hediaw8	Which cardiovascular condition from wave 1 referred to (a stroke)	Diagnosed stroke fed forward	hedawst
hediac8	Whether confirms stroke recorded in wave 1	Whether confirms stroke diagnosis	hedacst
hedian8	Reason disputed stroke diagnosis from wave 1	Reason disputed stroke diagnosis fed forward	hedanst
hediaw9	Which cardiovascular condition from wave 1 referred to (other heart problem)	Diagnosed high cholesterol fed forward	hedawch
hediac9	Whether confirms other heart problem recorded in wave 1	Whether confirms high cholesterol diagnosis	hedacch
hedian9	Reason disputed other heart problem diagnosis from wave 1	Reason disputed high cholesterol diagnosis fed forward	hedanch
hedias9	Whether still has other heart problem at wave 2	Whether still has high cholesterol	hedasch
heagar	Month told had angina in last 2 years	Month told had angina since last interview	
heagary	Year told had angina in last 2 years	Year told had angina since last interview	
henmmi	Number of heart attacks had since last visit	Number of heart attacks had since last interview	
heagcr	Month told had congestive heart failure in last 2 years	Month told had congestive heart failure since last interview	
heagcry	Year told had congestive heart failure in last 2 years	Year told had congestive heart failure since last interview	
heagdr	Month told had diabetes or high blood sugar in last 2 years	Month told had diabetes or high blood sugar since last interview	
heagdry	Year told had diabetes or high blood sugar in last 2 years	Year told had diabetes or high blood sugar since last interview	
heager	Month told had stroke in last 2 years	Month told had stroke since last interview	
heagery	Year told had stroke in last 2	Year told had stroke since	

	years	last interview	
henmst	Number of strokes since last visit	Number of strokes since last interview	
hedibw	Which chronic condition from wave 1 referred to (chronic lung disease)	Chronic: diagnosed lung disease fed forward	hedbwlu
hediad	Whether confirms chronic lung disease recorded in wave 1	Whether confirms lung disease diagnosis	hedbdlu
hediam	Reason disputed chronic lung disease diagnosis from wave 1	Reason disputed lung disease diagnosis fed forward	hedbmlu
hedids	Whether still had chronic lung disease at wave 2	Whether still has lung disease	hedblu
hedibw2	Which chronic condition from wave 1 referred to (asthma)	Chronic: diagnosed asthma fed forward	hedbwas
hediad2	Whether confirms asthma recorded in wave 1	Whether confirms asthma diagnosis	hedbdas
hediam2	Reason disputed asthma diagnosis from wave 1	Reason disputed asthma diagnosis fed forward	hedbmas
hedids2	Whether still had asthma at wave 2	Whether still has asthma	hedbsas
hedibw3	Which chronic condition from wave 1 referred to (arthritis)	Chronic: diagnosed arthritis fed forward	hedbwar
hediad3	Whether confirms arthritis recorded in wave 1	Whether confirms arthritis diagnosis	hedbdar
hediam3	Reason disputed arthritis diagnosis from wave 1	Reason disputed arthritis diagnosis fed forward	hedbmar
hedids3	Whether still had arthritis at wave 2	Whether still has arthritis	hedbsar
hedibw4	Which chronic condition from wave 1 referred to (osteoporosis)	Chronic: diagnosed osteoporosis fed forward	hedbwos
hediad4	Whether confirms osteoporosis recorded in wave 1	Whether confirms osteoporosis diagnosis	hedbdos
hediam4	Reason disputed osteoporosis diagnosis from wave 1	Reason disputed osteoporosis diagnosis fed forward	hedbmos
hedids4	Whether still had osteoporosis at wave 2	Chronic: Whether still has osteoporosis	hedbsos
hedibw5	Which chronic condition from wave 1 referred to (cancer)	Chronic: diagnosed cancer fed forward	hedbwca
hediad5	Whether confirms cancer recorded in wave 1	Whether confirms cancer diagnosis	hedbdca
hediam5	Reason disputed cancer diagnosis from wave 1	Reason disputed cancer diagnosis fed forward	hedbmca
hedids5	Whether still had cancer at wave 2	Whether still has cancer	hedbsca
hedibw6	Which chronic condition from	Chronic: diagnosed	hedbwpd

	wave 1 referred to (Parkinson's disease)	Parkinson's Disease fed forward	
hediad6	Whether confirms Parkinson's disease recorded in wave 1	Whether confirms Parkinson's Disease diagnosis	hedbdpd
hediam6	Reason disputed Parkinson's disease diagnosis from wave 1	Reason disputed Parkinson's disease diagnosis fed forward	hedbmpd
hedids6	Whether still had Parkinson's disease at wave 2	Whether still has Parkinson's Disease	hedbspd
hedibw7	Which chronic condition from wave 1 referred to (psychiatric problems)	Chronic: diagnosed psychiatric condition fed forward	hedbwps
hediad7	Whether confirms psychiatric problems recorded in wave 1	Whether confirms psychiatric condition diagnosis	hedbdps
hediam7	Reason disputed psychiatric problems diagnosis from wave 1	Reason disputed psychiatric condition diagnosis fed forward	hedbmps
hedibw8	Which chronic condition from wave 1 referred to (Alzheimer's disease)	Chronic: diagnosed Alzheimer's Disease fed forward	hedbwad
hediad8	Whether confirms Alzheimer's disease recorded in wave 1	Whether confirms Alzheimer's Disease diagnosis	hedbdad
hediam8	Reason disputed Alzheimer's disease diagnosis from wave 1	Reason disputed Alzheimer's Disease diagnosis fed forward	hedbmad
hedibw9	Which chronic condition from wave 1 referred to (dementia)	Chronic: diagnosed dementia fed forward	hedbwde
hediad9	Whether confirms dementia recorded in wave 1	Whether confirms dementia diagnosis	hedbdde
hediam9	Reason disputed dementia diagnosis from wave 1	Reason disputed dementia diagnosis fed forward	hedbmde
hedids9	Whether still had dementia at wave 2	Whether still has dementia	hedbsde
hediab1	Diagnosed chronic condition newly reported at W2 (1st mention)	Chronic: lung disease diagnosis newly reported	hediblu
hediab2	Diagnosed chronic condition newly reported at W2 (2nd mention)	Chronic: asthma diagnosis newly reported	hedibas
hediab3	Diagnosed chronic condition newly reported at W2 (3rd mention)	Chronic: arthritis diagnosis newly reported	hedibar
hediab4	Diagnosed chronic condition newly reported at W2 (4th mention)	Chronic: osteoporosis diagnosis newly reported	hedibos
heart1	Type of arthritis (1st mention)	Whether has osteoarthritis	heartoa

heart2	Type of arthritis (2nd mention)	Whether has rheumatoid arthritis	heartra
heagfr	Month told had arthritis in last 2 years	Month told had arthritis since last interview	
heagfry	Year told had arthritis in last 2 years	Year told had arthritis since last interview	
heaggr	Month told had cancer in last 2 years	Month told had cancer since last interview	
heaggry	Year told had cancer in last 2 years	Year told had cancer since last interview	
heprkr	Month told had Parkinson's Disease in last 2 years	Month told had Parkinson's Disease since last interview	
heprkry	Year told had Parkinson's Disease in last 2 years	Year told had Parkinson's Disease since last interview	
heaghr	Month told had psychiatric problems in last 2 years	Month told had psychiatric problems since last interview	
heaghry	Year told had psychiatric problems in last 2 years	Year told had psychiatric problems since last interview	
hepsy1	Type of psychiatric problem (1st mention)	Psychiatric problem has: hallucinations	hepsyha
hepsy2	Type of psychiatric problem (2nd mention)	Psychiatric problem has: anxiety	hepsyan
hepsy3	Type of psychiatric problem (3rd mention)	Psychiatric problem has: depression	hepsyde
hepsy4	Type of psychiatric problem (4th mention)	Psychiatric problem has: emotional problems	hepsyem
hepsy5	Type of psychiatric problem (5th mention)	Psychiatric problem has: schizophrenia	hepsysc
hepsy6	Type of psychiatric problem (6th mention)	Psychiatric problem has: psychosis	hepsyps
heagir	Month told had Alzheimer's Disease in last 2 years	Month told had Alzheimer's Disease since last interview	
heagiry	Year told had Alzheimer's Disease in last 2 years	Year told had Alzheimer's Disease since last interview	
heagjr	Month told had dementia in last 2 years	Month told had dementia since last interview	
heagjry	Year told had dementia in last 2 years	Year told had dementia since last interview	
hebck	Back pain rating: walking on flat surface	Back pain rating walking on flat surface	
hehip	Hip pain rating: walking on flat surface	Hip pain rating walking on flat surface	
hekne	Knee pain rating: walking on flat surface	Knee pain rating walking on flat surface	
hefet	Foot pain rating: walking on flat surface	Foot pain rating walking on flat surface	
heani1	Rose angina: site of pain (1st mention)	Rose angina: pain in sternum (upper or middle)	heanius

heani2	Rose angina: site of pain (2nd mention)	Rose angina: pain in lower sternum	heanils
heani3	Rose angina: site of pain (3rd mention)	Rose angina: pain in left anterior chest	heanslc
heani4	Rose angina: site of pain (4th mention)	Rose angina: pain in left arm	heansla
heani5	Rose angina: site of pain (5th mention)	Rose angina: pain in right anterior chest	heansrc
heani6	Rose angina: site of pain (6th mention)	Rose angina: pain in right arm	heansra
heanim1	Rose angina: site of pain (1st mention) (merged variable)	Rose angina: pain in sternum (upper or middle) (merged)	heanmus
heanim2	Rose angina: site of pain (2nd mention) (merged variable)	Rose angina: pain in lower sternum (merged)	heanmls
heanim3	Rose angina: site of pain (3rd mention) (merged variable)	Rose angina: pain in left anterior chest (merged)	heanmlc
heanim4	Rose angina: site of pain (4th mention) (merged variable)	Rose angina: pain in left arm (merged)	heanmla
heanim5	Rose angina: site of pain (5th mention) (merged variable)	Rose angina: pain in right anterior chest (merged)	heanmrc
heanim6	Rose angina: site of pain (6th mention) (merged variable)	Rose angina: pain in right arm (merged)	heanmra
hecdf1	Claudication: site of pain (1st mention)	Claudication: pain in calf muscle	hecdfca
hecdf2	Claudication: site of pain (2nd mention)	Claudication: pain in thigh or buttocks	hecdfth
hecdf3	Claudication: site of pain (3rd mention)	Claudication: pain elsewhere	hecdfot
headla10	ADL: activity has problem with due to health/physical problem (10th mention)	Mobility: difficulty picking up 5p coin from table	hemobpi
headlb10	IADL: activity has problem with due to health/physical problem (10th mention)	IADL: difficulty making telephone calls	headlph
headlb11	IADL: activity has problem with due to health/physical problem (11th mention)	IADL: difficulty taking medications	headlme
headlb12	IADL: activity has problem with due to health/physical problem (12th mention)	IADL: difficulty doing work around house and garden	headlho
headlb13	IADL: activity has problem with due to health/physical problem (13th mention)	IADL: difficulty managing money, eg paying bills,keeping track expenses	headlmo
hehpa	ADL & IADL: whether ever has help with these activities	Functioning: whether ever has help with mobility, ADL, IADL	
hehpsm96	NB EMPTY at present	Said no treatment to help	hehsm96

		with physical functioning difficulties	
hehpc	ADL & IADL: usefulness of help	Physical functioning: usefulness of help	
heaid1	Walking aids used (disability) (1st mention)	Aids used: cane or walking stick	heaidca
heaid2	Walking aids used (disability) (2nd mention)	Aids used: zimmer frame or walker	heaidzi
heaid3	Walking aids used (disability) (3rd mention)	Aids used: manual wheelchair	heaidmw
heaid4	Walking aids used (disability) (4th mention)	Aids used: electric wheelchair	heaidew
heaid5	Walking aids used (disability) (5th mention)	Aids used: buggy or scooter	heaidbu
heskd	Whether confirms smoking recorded in wave 1	Whether confirms smoking recorded at last interivew	
heske	Reason disputed reported smoking from wave 1	Reason disputed reported smoking at last interview	
SPCar	Whether respondent has use of car or van when needed, either as driver/passenger	Whether respondent has use of car or van when needed, as a driver or a passenger	
SPTraB1	Reasons for not using public transport more often (1st mention)	Reason respondent does not use public transport: none is available	SPTrBUna
SPTraB2	Reasons for not using public transport more often (2nd mention)	Reason respondent does not use public transport: does not go where they want to	SPTrBDes
SPTraB3	Reasons for not using public transport more often (3rd mention)	Reason respondent does not use public transport: it is too expensive	SPTrBExp
SPTraB4	Reasons for not using public transport more often (4th mention)	Reason respondent does not use public transport: it is unreliable	SPTrBUnr
SPTraB5	Reasons for not using public transport more often (5th mention)	Reason respondent does not use public transport: it is infrequent	SPTrBFre
SPTraB6	Reasons for not using public transport more often (6th mention)	Reason respondent does not use public transport: their health prevents them	SPTrBHea
SPTraB7	Reasons for not using public transport more often (7th mention)	Reason respondent does not use public transport: they do not need to	SPTrBNee
WpAct1	Activities during the last month (1st mention)	Activities during last month: paid work	wpactpw
WpAct2	Activities during the last month (2nd mention)	Activities during last month: self-employment	wpactse
WpAct3	Activities during the last month (3rd mention)	Activities during last month: voluntary work	wpactvw

WpAct4	Activities during the last month (4th mention)	Activities during last month: cared for someone	wpactca
WpAct5	Activities during the last month (5th mention)	Activities during last month: looked after home or family	wpactlo
WpAct6	Activities during the last month (6th mention)	Activities during last month: attended a formal educational or training course	wpacted
WpVW	How often does voluntary work	How often do you do any voluntary work?	
Wpstj	Is the job you had last time you were interviewed your main recent job?	Is the job you had last time you were interviewed [still] your main job?	
WpLJobM	Main reason for leaving previous job	What was your main reason for leaving your previous job?	
WpChg1	Ways work could have changed to allow you to continue working (1st mention)	Ways work could have changed: less physically demanding	wpchph
WpChg2	Ways work could have changed to allow you to continue working (2nd mention)	Ways work could have changed: less mentally demanding/stressful	wpchme
WpChg3	Ways work could have changed to allow you to continue working (3rd mention)	Ways work could have changed: fewer hours/job sharing	wpchhr
WpChg4	Ways work could have changed to allow you to continue working (4th mention)	Ways work could have changed: more flexible hours	wpchfl
WpChgM1	Ways work could have changed (1st mention) - merged variable	Ways work could have changed (merged var): less phys demanding	wpchmph
WpChgM2	Ways work could have changed (2nd mention) - merged variable	Ways work could have changed (merged var): less mental demanding	wpchmme
WpChgM3	Ways work could have changed (3rd mention) - merged variable	Ways work could have changed (merged var): fewer hours/job share	wpchmhr
WpChgM4	Ways work could have changed (4th mention) - merged variable	Ways work could have changed (merged var): more flexible hours	wpchmfl
WpChgB1	In what ways did you ask to change your job? (1st mention)	In what ways did you ask to change your job: less physically demanding	wpchbph
WpChgB2	In what ways did you ask to change your job? (2nd mention)	In what ways did you ask to change your job: less mentally	wpchbme

		demanding/stressful	
WpChgB3	In what ways did you ask to change your job? (3rd mention)	In what ways did you ask to change your job: fewer hours/job sharing	wpchbhr
WpSup	Do you directly supervise any other people?	Do you directly supervise or are you directly responsible for any other people?	
WpCJb1	Description of work as a self-employee (1st mention)	Description of work as a self-employee: paid a salary or wage by an agency	wpcjag
WpCJb2	Description of work as a self-employee (2nd mention)	Description of work as a self-employee: sole Director of own limited company	wpcjdi
WpCJb3	Description of work as a self-employee (3rd mention)	Description of work as a self-employee: running business/professional practice	wpcjbu
WpCJb4	Description of work as a self-employee (4th mention)	Description of work as a self-employee: partner in business/prof practice	wpcjpa
WpWhyWk1	Reasons for starting work (1st mention)	Reason for starting work: needed the money	wpwywmo
WpWhyWk2	Reasons for starting work (2nd mention)	Reason for starting work: own health improved	wpwywoh
WpWhyWk3	Reasons for starting work (3rd mention)	Reason for starting work: health of friend/relative improved	wpwywrh
WpWhyWk4	Reasons for starting work (4th mention)	Reason for starting work: for enjoyment/company at work	wpwywen
WpWhyWk5	Reasons for starting work (5th mention)	Reason for starting work: was able to find a suitable job	wpwywsu
WpWhyW18	Reasons for starting work (3rd mention) - merged var	Reason for starting work (merged var): own health improved	wpwywmoh
WpWhyW19	Reasons for starting work (4th mention) - merged var	Reason for starting work (merged var): health of friend/relative improved	wpwywmrh
WpWhyW20	Reasons for starting work (5th mention) - merged var	Reason for starting work (merged var): for enjoyment/company at work	wpwywmen
WpHwrk	Hours worked per week in current job (inc. doing the books, VAT etc.)	Hours worked per week inc. doing the books, VAT etc. (self-employed)	
WpWlym	Weeks in employment or self-employment in last 12	Weeks in employment or self-employment in last 12	

	months (inc paid leave)	months (inc. partial weeks)	
WpWlyy	How much did income from work amount to in the last year	How much did gross income from work amount to in the last year	
MinV	Income from work - bracket min value (wpwlyy)	Income from work - bracket min value (wpwlyy)	wpwlyyl
MaxV	Income from work - bracket max value (wpwlyy)	Income from work - bracket max value (wpwlyy)	wpwlyyu
EntPt	Income from work - bracket entry point (wpwlyy)	Income from work - bracket entry point (wpwlyy)	wpwlyye
RESLT	Income from work - bracket result (wpwlyy)	Income from work - bracket result (wpwlyy)	wpwlyyr
WpllsY	Year started last job	When did your last job start? Year	
WpllsM	Month started last job	When did your last job start? Month	
WplljY	Year last job ended	When did your last job end? Year	
WplljM	Month last job ended	When did your last job end? Month	
WpYStpM	Main reason for stopping working	What was your main reason for stopping work?	
WpNChg1	Way in which work could have been changed to allow you to continue (1st mention)	Ways work could have changed: less physically demanding	wpnchph
WpNChg2	Way in which work could have been changed to allow you to continue (2nd mention)	Ways work could have changed: less mentally demanding/stressful	wpnchme
WpNChg3	Way in which work could have been changed to allow you to continue (3rd mention)	Ways work could have changed: fewer hours/job sharing	wpnchhr
WpNChgM1	Way in which work could have been changed to allow you to continue (1st mention)	Ways work could have changed: less physically demanding (merged var)	wpnchmph
WpNChgM2	Way in which work could have been changed to allow you to continue (2nd mention)	Ways work could have changed: less mentally demanding/stressful (merged var)	wpnchmme
WpNChgM3	Way in which work could have been changed to allow you to continue (3rd mention)	Ways work could have changed: fewer hours/job sharing (merged var)	wpnchmhr
WpNChgB1	Ways in which asked to change job (1st mention)	In what ways did you ask to change your job: less physically demanding	wpnchbph
WpNChgB2	Ways in which asked to change job (2nd mention)	In what ways did you ask to change your job: less mentally demanding/stressful	wpnchbme
WpNIC	Currently pay National	Do you currently pay	

	Insurance conts (inc any that are paid on your behalf)?	National Insurance conts (inc any paid on your behalf)?	
WpNImw	Ever paid NI conts at reduced rate for married women (known as the "half stamp")	Ever paid NI conts at reduced rate for married women (known as the half stamp)	
WpLimWk	Health problem limits the kind/amount of work in your current job	Health problem limits the kind/amount of work you can do in your current job	
WpChgD1	Way employer changed work to make it easier to work (1st mention)	Ways work has changed: less physically demanding	wpchdph
WpChgD2	Way employer changed work to make it easier to work (2nd mention)	Ways work has changed: less mentally demanding/stressful	wpchdme
WpChgD3	Way employer changed work to make it easier to work (3rd mention)	Ways work has changed: fewer hours/job sharing	wpchdhr
WpChgDM1	Way employer changed work to make it easier to work (1st mention): merged var	Ways work has changed: less physically demanding (merged var)	wpchdmph
WpChgDM2	Way employer changed work to make it easier to work (2nd mention): merged var	Ways work has changed: less mentally demanding/stressful (merged var)	wpchdmme
WpChgDM3	Way employer changed work to make it easier to work (3rd mention): merged var	Ways work has changed: fewer hours/job sharing (merged var)	wpchdmhr
WpChgL1	Ways would like work to change because of health (1st mention)	Ways you would like work to change: less physically demanding	wpchlph
WpChgL2	Ways would like work to change because of health (2nd mention)	Ways you would like work to change: less mentally demanding/stressful	wpchlme
WpChgL3	Ways would like work to change because of health (3rd mention)	Ways you would like work to change: fewer hours/job sharing	wpchlhr
WpChgL4	Ways would like work to change because of health (4th mention)	Ways you would like work to change: more flexible hours	wpchlfl
WpChgL5	Ways would like work to change because of health (5th mention)	Ways you would like work to change: working from home sometimes	wpchlho
WpChgL13	Ways would like work to change because of health (3rd mention) - merged var	Ways you would like work to change: none of these (merged var)	wpchlm96
WpBChg1	Ways in which asked employer to change job (1st mention)	In what ways did you ask to change your job: less physically demanding	wpbchph

WpBChg2	Ways in which asked employer to change job (2nd mention)	In what ways did you ask to change your job: less mentally demanding/stressful	wpbchme
WpBChg3	Ways in which asked employer to change job (3rd mention)	In what ways did you ask to change your job: fewer hours/job sharing	wpbchhr
WpBChg4	Ways in which asked employer to change job (4th mention)	In what ways did you ask to change your job: more flexible hours	wpbchfl
WpLkCh1	Ways would like current job to change (1st mention)	Ways would like current job to change: less physically demanding	wplchph
WpLkCh2	Ways would like current job to change (2nd mention)	Ways would like current job to change: less mentally demanding/stressful	wplchme
WpLkCh3	Ways would like current job to change (3rd mention)	Ways would like current job to change: fewer hours/job sharing	wplchhr
WpLkCh4	Ways would like current job to change (4th mention)	Ways would like current job to change: more flexible hours	wplchfl
WpLkCh5	Ways would like current job to change (5th mention)	Ways would like current job to change: working from home sometimes	wplchho
WpLkCh6	Ways would like current job to change (6th mention)	Ways would like current job to change: special equipment/workplace adaptation	wplchad
WpLkChM1	Ways would like current job to change (1st mention): merged var	Ways would like current job to change: less physically demanding (merged var)	wplchmph
WpLkChM2	Ways would like current job to change (2nd mention): merged var	Ways would like current job to change: less demanding/stressful (merged var)	wplchmme
WpLkChM3	Ways would like current job to change (3rd mention): merged var	Ways would like current job to change: fewer hours/job sharing (merged var)	wplchmhr
WpLkChM4	Ways would like current job to change (4th mention): merged var	Ways would like current job to change: more flexible hours (merged var)	wplchmfl
WpLkChM5	Ways would like current job to change (5th mention): merged var	Ways would like current job to change: working from home sometimes (merged var)	wplchmho
WpLkChM6	Ways would like current job to change (6th mention): merged var	Ways would like current job to change: spec equipt/workplace adapt (merged var)	wplchmad

WpNoLk1	Reasons for staying in current job (1st mention)	Reasons for staying in current job: could not get another job that would suit me	wpnlksu
WpNoLk2	Reasons for staying in current job (2nd mention)	Reasons for staying in current job: difficult/time-consuming to look for another	wpnlkdi
WpNoLk3	Reasons for staying in current job (3rd mention)	Reasons for staying in current job: pay in current job	wpnlkpa
WpNoLk4	Reasons for staying in current job (4th mention)	Reasons for staying in current job: retiring soon, not worth looking for another	wpnlkrt
WpNoLk5	Reasons for staying in current job (5th mention)	Reasons for staying in current job: pension scheme in current job	wpnlkpe
Wpotp	Gross earned income (inc bonuses, tips, commissions) - period	Gross earned income (inc bonuses, tips, commissions): period	
WpAotp	Gross earned income (inc bonuses, tips, commissions) - amount	Gross earned income (inc bonuses, tips, commissions): amount	
WpPeri	Thinking about the last time you were paid, what period did this cover?	Take-home pay last time (after tax, NI, pensions, union dues etc): period	
Wpthp	Take-home pay last time (after deductions for tax, NI, pensions, union dues etc)	Take-home pay last time (after tax, NI, pensions, union dues etc): amount	
MinV7	Wkly take home pay (last pay slip) - bracket min value (wpthp)	Wkly take home pay - bracket min value (wpthp)	wpthpwl
MaxV7	Wkly take home pay (last pay slip) - bracket max value (wpthp)	Wkly take home pay - bracket max value (wpthp)	wpthpwu
EntPt7	Wkly take home pay (last pay slip) - bracket entry point (wpthp)	Wkly take home pay - bracket entry point (wpthp)	wpthpwe
RESLT7	Wkly take home pay (last pay slip) - bracket result (wpthp)	Wkly take home pay - bracket result (wpthp)	wpthpwr
MinV8	Fnightly take home pay (last pay slip) - bracket min value (wpthp)	Fnightly take home pay - bracket min value (wpthp)	wpthpfl
MaxV8	Fnightly take home pay (last pay slip) - bracket max value (wpthp)	Fnightly take home pay - bracket max value (wpthp)	wpthpfu
EntPt8	Fnightly take home pay (last pay slip) - bracket entry point (wpthp)	Fnightly take home pay - bracket entry point (wpthp)	wpthpfe

RESLT8	Fnightly take home pay (last pay slip) - bracket result (wpthp)	Fnightly take home pay - bracket result (wpthp)	wpthpfr
MinV9	Mnthly take home pay (last pay slip) - bracket min value (wpthp)	Mnthly take home pay - bracket min value (wpthp)	wpthpml
MaxV9	Mnthly take home pay (last pay slip) - bracket max value (wpthp)	Mnthly take home pay - bracket max value (wpthp)	wpthpmu
EntPt9	Mnthly take home pay (last pay slip) - bracket entry point (wpthp)	Mnthly take home pay - bracket entry point (wpthp)	wpthpme
RESLT9	Mnthly take home pay (last pay slip) - bracket result (wpthp)	Mnthly take home pay - bracket result (wpthp)	wpthpmr
MinV10	Annual take home pay (last pay slip) - bracket min value (wpthp)	Annual take home pay - bracket min value (wpthp)	wpthpyl
MaxV10	Annual take home pay (last pay slip) - bracket max value (wpthp)	Annual take home pay - bracket max value (wpthp)	wpthpyu
EntPt10	Annual take home pay (last pay slip) - bracket entry point (wpthp)	Annual take home pay - bracket entry point (wpthp)	wpthpye
RESLT10	Annual take home pay (last pay slip) - bracket result (wpthp)	Annual take home pay - bracket result (wpthp)	wpthpyr
MinV11	Oth pd take home pay (last pay slip) - bracket min value (wpthp)	Oth pd take home pay - bracket min value (wpthp)	wpthpol
MaxV11	Oth pd take home pay (last pay slip) - bracket max value (wpthp)	Oth pd take home pay - bracket max value (wpthp)	wpthpou
EntPt11	Oth pd take home pay (last pay slip) - bracket entry point (wpthp)	Oth pd take home pay - bracket entry point (wpthp)	wpthpoe
RESLT11	Oth pd take home pay (last pay slip) - bracket result (wpthp)	Oth pd take home pay - bracket result (wpthp)	wpthpor
WpUP	Usual take-home pay - period	Usual take-home pay: period	
WpUPa	Usual take-home pay - amount	Usual take-home pay: amount	
MinV12	Wkly usual take home pay (main job) - bracket min value (wpupa)	Wkly usual take home pay - bracket min value (wpupa)	wpupawl
MaxV12	Wkly usual take home pay (main job) - bracket max value (wpupa)	Wkly usual take home pay - bracket max value (wpupa)	wpupawu
EntPt12	Wkly usual take home pay	Wkly usual take home pay -	wpupawe

	(main job) - bracket entry point (wpupa)	bracket entry point (wpupa)	
RESLT12	Wkly usual take home pay (main job) - bracket result (wpupa)	Wkly usual take home pay - bracket result (wpupa)	wpupawr
MinV13	Fnightly usual take home pay (main job) - bracket min value (wpupa)	Fnightly usual take home pay - bracket min value (wpupa)	wpupafl
MaxV13	Fnightly usual take home pay (main job) - bracket max value (wpupa)	Fnightly usual take home pay - bracket max value (wpupa)	wpupafu
EntPt13	Fnightly usual take home pay (main job) - bracket entry point (wpupa)	Fnightly usual take home pay - bracket entry point (wpupa)	wpupafe
RESLT13	Fnightly usual take home pay (main job) - bracket result (wpupa)	Fnightly usual take home pay - bracket result (wpupa)	wpupafr
MinV14	Mnthly usual take home pay (main job) - bracket min value (wpupa)	Mnthly usual take home pay - bracket min value (wpupa)	wpupaml
MaxV14	Mnthly usual take home pay (main job) - bracket max value (wpupa)	Mnthly usual take home pay - bracket max value (wpupa)	wpupamu
EntPt14	Mnthly usual take home pay (main job) - bracket entry point (wpupa)	Mnthly usual take home pay - bracket entry point (wpupa)	wpupame
RESLT14	Mnthly usual take home pay (main job) - bracket result (wpupa)	Mnthly usual take home pay - bracket result (wpupa)	wpupamr
MinV15	Annual usual take home pay (main job) - bracket min value (wpupa)	Annual usual take home pay - bracket min value (wpupa)	wpupayl
MaxV15	Annual usual take home pay (main job) - bracket max value (wpupa)	Annual usual take home pay - bracket max value (wpupa)	wpupayu
EntPt15	Annual usual take home pay (main job) - bracket entry point (wpupa)	Annual usual take home pay - bracket entry point (wpupa)	wpupaye
RESLT15	Annual usual take home pay (main job) - bracket result (wpupa)	Annual usual take home pay - bracket result (wpupa)	wpupayr
MinV16	Oth pd usual take home pay (main job) - bracket min value (wpupa)	Oth pd usual take home pay - bracket min value (wpupa)	wpupaol
MaxV16	Oth pd usual take home pay (main job) - bracket max value (wpupa)	Oth pd usual take home pay - bracket max value (wpupa)	wpupaou
EntPt16	Oth pd usual take home pay (main job) - bracket entry point (wpupa)	Oth pd usual take home pay - bracket entry point (wpupa)	wpupaoe

RESLT16	Oth pd usual take home pay (main job) - bracket result (wpupa)	Oth pd usual take home pay - bracket result (wpupa)	wpupaor
WpPayA	Interviewer: How accourate do you think the answers given by respondent were?	Interviewer: How accurate do you think the answers given by respondent were?	
WPCRAge	Compulsory retirement age	What is the compulsory retirement age?	
WPCRetL	Would like to work beyond the compulsory retirement age if employer let you?	Would you like to work beyond the compulsory retirement age if employer let you?	
WpraIR	Start of most recent period for which accounts prepared for Inland Revenue (yr)	Start of most recent period for which accounts prepared for Inland Revenue: year	
WpraIM	Start of most recent period for which accounts prepared for Inland Revenue (mth)	Start of most recent period for which accounts prepared for Inland Revenue: mnth	
WpraEY	End of most recent period for which accounts prepared for Inland Revenue (year)	End of most recent period for which accounts prepared for Inland Revenue: year	
WpraEM	End of most recent period for which accounts prepared for Inland Revenue (month)	End of most recent period for which accounts prepared for Inland Revenue: month	
MinV17	Self-employed profit (loss) last month - bracket min value (wpprof)	Self-employment profit (loss) last month - bracket min value (wpprof)	wpprofl
MaxV17	Self-employed profit (loss) last month - bracket max value (wpprof)	Self-employment profit (loss) last month - bracket max value (wpprof)	wpprofu
EntPt17	Self-employed profit (loss) last month - bracket entry point (wpprof)	Self-employment profit (loss) last month - bracket entry point (wpprof)	wpprofe
RESLT17	Self-employed profit (loss) last month - bracket result (wpprof)	Self-employment profit (loss) last month - bracket result (wpprof)	wpprofr
WpBI	Av inc from business (after paying for materials/equipment/goods used) - period	Avg income from business (after paying for materials/equipment/goods) : period	
WpBIwa	Average weekly income from business in last 12 months	Avg weekly income from business over last 12 months	
MinV18	Average weekly income from business - bracket min value (wpbiwa)	Average weekly income from business in last year - bracket min value (wpbiwa)	wpbiwal

MaxV18	Average weekly income from business - bracket max value (wpbiwa)	Average weekly income from business in last year - bracket max value (wpbiwa)	wpbiwau
EntPt18	Average weekly income from business - bracket entry point (wpbiwa)	Average weekly income from business in last year - bracket entry point (wpbiwa)	wpbiwae
RESLT18	Average weekly income from business - bracket result (wpbiwa)	Average weekly income from business in last year - bracket result (wpbiwa)	wpbiwar
WpBIma	Average monthly income from business in last 12 months	Avg monthly income from business over last 12 months	
MinV19	Average monthly income from business - bracket min value (wpbima)	Average monthly income from business in last year - bracket min value (wpbima)	wpbimal
MaxV19	Average monthly income from business - bracket max value (wpbima)	Average monthly income from business in last year - bracket max value (wpbima)	wpbimau
EntPt19	Average monthly income from business - bracket entry point (wpbima)	Average monthly income from business in last year - bracket entry point (wpbima)	wpbimae
RESLT19	Average monthly income from business - bracket result (wpbima)	Average monthly income from business in last year - bracket result (wpbima)	wpbimar
WpbusV	Value of own share of the business	About how much is your share of the business worth?	
WpMoJ	Earns money from [work apart from main job/any work done from time to time]?	Do you earn money from [work apart from main job/work done from time to time]?	
WpHmsj	Hours a month usually worked in these jobs (exc meal breaks, inc overtime)	How many hrs a mnth usually worked in these jobs (exc meal breaks, inc overtime)	
WpEsj	Net income from other jobs (last month)	Net income from these other jobs in the last month	
MinV21	Net income from other jobs (last month) - bracket min value (wpesj)	Net income from these other jobs in the last month - bracket min value (wpesj)	wpesjl
MaxV21	Net income from other jobs (last month) - bracket max value (wpesj)	Net income from these other jobs in the last month - bracket max value (wpesj)	wpesju
EntPt21	Net income from other jobs (last month) - bracket entry point (wpesj)	Net income from these other jobs in the last month - bracket entry point (wpesj)	wpesje

RESLT21	Net income from other jobs (last month) - bracket result (wpesj)	Net income from these other jobs in the last month - bracket result (wpesj)	wpesjr
MinV22	Mnthly average net income from other jobs - bracket min value (wpesjm)	Monthly average net income from other jobs - bracket min value (wpesjm)	wpesjml
MaxV22	Mnthly average net income from other jobs - bracket max value (wpesjm)	Monthly average net income from other jobs - bracket max value (wpesjm)	wpesjmu
EntPt22	Mnthly average net income from other jobs - bracket entry point (wpesjm)	Monthly average net income from other jobs - bracket entry point (wpesjm)	wpesjme
RESLT22	Mnthly average net income from other jobs - bracket result (wpesjm)	Monthly average net income from other jobs - bracket result (wpesjm)	wpesjmr
WpVBus	Value of own share of the business	About how much is your share of this business worth?	
WpBPS	In main job, does your employer offer a pension scheme which you could join?	Does your current employer offer pension scheme which you are entitled to join?	
WpAnyP	In your main job, does your employer offer a pension scheme to any employees?	Does your employer offer a pension scheme to any employees?	
WpPsm1	Reasons why not a member of the scheme (1st mention)	Why not a member of employer scheme: preferred or had other arrangement	wppsot
WpPsm2	Reasons why not a member of the scheme (2nd mention)	Why not a member of employer scheme: expected to move job	wppsex
WpEc	Would your employer add to your contributions to the pension scheme?	If you joined, would your employer make contributions to this pension scheme?	
WpExW	Whether expects to receive a pension from a scheme like this	Expect to get pension from scheme that former spouse/civil partner contrib. to?	
WpManPP	Expected max/min income from all private pensions (period) [if wpmcrtpp=gd idea]	Max/min expected income from private pensions at state pension age (period)	
WpMpah	Maximum expected from all private pensions (amount) [if wpmcrtpp=gd idea]	Maximum expected income from private pensions at state pension age: amount	
WpMFQ	Chances of receiving more	Chances of receiving more	

	than £wp1q per [wpmampp] from all private pensions	than £wp1q per [wpmanpp] from all private pensions	
WpMSQ	Chances of receiving more than £wp2q per [wpmampp] from all private pensions	Chances of receiving more than £wp2q per [wpmanpp] from all private pensions	
WpMTQ	Chances of receiving more than £wp3q per [wpmampp] from all private pensions	Chances of receiving more than £wp3q per [wpmanpp] from all private pensions	
WpMANSP	Expected max/min income from all state pensions (period) [if wpmcrtsp=gd idea]	Maximum/minimum expected income from state pensions at state pension age: period	
Wpsn	No. ranges interval wpmsal-wpmsah split for questions wpmsfq, wpmssq, wpmstq	No. ranges interval wpmsh-wpmsah split for questions wpmsfq, wpmssq, wpmstq	
WpMSFQ	Chances of receiving more than £wp1sq per [wpmamsp] from all state pensions	Chances of receiving more than £wp1sq per [wpmansp] from all state pensions	
WpMSSQ	Chances of receiving more than £wp2sq per [wpmamsp] from all state pensions	Chances of receiving more than £wp2sq per [wpmansp] from all state pensions	
WpMSTQ	Chances of receiving more than £wp3sq per [wpmamsp] from all state pensions	Chances of receiving more than £wp3sq per [wpmansp] from all state pensions	
WpRAge	You said earlier that you were (semi)retired, at what age did you retire?	You said earlier that you were (semi-)retired, at what age did you retire?	
WpERet	Been offered early retirement incentives since age 50 which chose not to take?	Did you take early retirement?	
WpERP	When you first retired, what part of your pension were you entitled to?	When you first retired, did you retire on a full pension?	
WpMRRe	Main reason for retiring	What was your main reason for retiring?	
MinV128	Income from work - bracket min value (wpwlyy)	Amount paid per month for health insurance - bracket min value (wpmhi)	wpmhil
MaxV128	Income from work - bracket max value (wpwlyy)	Amount paid per month for health insurance - bracket max value (wpmhi)	wpmhiu
EntPt128	Income from work - bracket entry point (wpwlyy)	Amount paid per month for health insurance - bracket entry point (wpmhi)	wpmhie
RESLT128	Income from work - bracket result (wpwlyy)	Amount paid per month for health insurance - bracket result (wpmhi)	wpmhir

iahdr1	Health/disability benefits received in the last year: respondent (1st mention)	Health/disability benefits rec in the last year: Incapacity Benefit	iahdrib
iahdr2	Health/disability benefits received in the last year: respondent (2nd mention)	Health/disability benefits rec in the last year: Severe Disablement Allowance	iahdrsd
iahdr3	Health/disability benefits received in the last year: respondent (3rd mention)	Health/disability benefits rec in the last year: Statutory Sick Pay	iahdrsp
iahdr4	Health/disability benefits received in the last year: respondent (4th mention)	Health/disability benefits rec in the last year: Attendance Allowance	iahdraa
iahdr5	Health/disability benefits received in the last year: respondent (5th mention)	Health/disability benefits rec in the last year: Disability Living Allowance	iahdrdl
iahdn1	Health or disability benefits receiving now: respondent (1st mention)	Health or disability benefits receiving now: Incapacity Benefit	iahdnib
iahdn2	Health or disability benefits receiving now: respondent (2nd mention)	Health or disability benefits receiving now: Severe Disablement Allowance	iahdnsd
iahdn3	Health or disability benefits receiving now: respondent (3rd mention)	Health or disability benefits receiving now: Statutory Sick Pay	iahdnsp
iahdn4	Health or disability benefits receiving now : respondent (4th mention)	Health or disability benefits receiving now: Attendance Allowance	iahdnaa
iahdn5	Health or disability benefits receiving now : respondent (5th mention)	Health or disability benefits receiving now: Disability Living Allowance	iahdndl
iahdp1	Health/disability benefits received in the last year: partner (1st mention)	Health/disability benefits received in the last year: partner Incapacity Benefit	iahdpib
iahdp2	Health/disability benefits received in the last year: partner (2nd mention)	Hlth/disability benefits rec in last year: partner Severe Disablement Allowance	iahdpsd
iahdp3	Health/disability benefits received in the last year: partner (3rd mention)	Health/disability benefits received in the last year: partner Statutory Sick Pay	iahdpsp
iahdp4	Health/disability benefits received in the last year: partner (4th mention)	Hlth/disability benefits received in the last year: partner Attendance Allowance	iahdpaa
iahdpn1	Health or disability benefits receiving now: partner (1st mention)	Health or disability benefits receiving now: partner Incapacity Benefit	iahdpnib
iahdpn2	Health or disability benefits receiving now: partner (2nd mention)	Hlth or disability benefits receiving now: partner Severe Disablement Allowance	iahdpnsd

iahdpn3	Health or disability benefits receiving now: partner (3rd mention)	Health or disability benefits receiving now: partner Statutory Sick Pay	iahdpnsp
iahdpn4	Health or disability benefits receiving now: partner (4th mention)	Health or disability benefits receiving now: partner Attendance Allowance	iahdpnaa
iaber1	Benefits received in the last year: respondent (1st mention)	Benefits received in the last year: respondent Income Support	iaberis
iaber2	Benefits received in the last year: respondent (2nd mention)	Benefits received in the last year: respondent Pension Credit	iaberpc
iaber3	Benefits received in the last year: respondent (3rd mention)	Benefits received in the last year: respondent Working Tax Credit	iabertc
iaber4	Benefits received in the last year: respondent (4th mention)	Benefits received in the last year: respondent Job-Seeker's Allowance	iaberja
iaben1	Benefits receiving now: respondent (1st mention)	Benefits receiving now: respondent Income Support	iabenis
iaben2	Benefits receiving now: respondent (2nd mention)	Benefits receiving now: respondent Pension Credit	iabenpc
iaben3	Benefits receiving now: respondent (3rd mention)	Benefits receiving now: respondent Working Tax Credit	iabentc
iaben4	Benefits receiving now: respondent (4th mention)	Benefits receiving now: respondent Job-Seeker's Allowance	iabenja
iat37	Benefit block type		
iabep1	Benefits received in the last year: partner (1st mention)	Benefits received in the last year: partner Income Support	iabepis
iabep2	Benefits received in the last year: partner (2nd mention)	Benefits received in the last year: partner Pension Credit	iabeppc
iabep3	Benefits received in the last year: partner (3rd mention)	Benefits received in the last year: partner Working Tax Credit	iabeptc
iabepn1	Benefits receiving now: partner (1st mention)	Benefits receiving now: partner Income Support	iabepnis
iabepn2	Benefits receiving now: partner (2nd mention)	Benefits receiving now: partner Pension Credit	iabepnpc
iabepn3	Benefits receiving now: partner (3rd mention)	Benefits receiving now: partner Working Tax Credit	iabepnwc
iasi10	Which savings and investments respondent (or spouse) has (10th mention)	Savings & investments (respondent or spouse): share clubs	iasisc
iasi11	Which savings and investments respondent (or spouse) has (11th mention)	Savings & investments (respondent or spouse): unit or investment trusts	iasiuit

iaprop1	Which, if any, of these assets do you (or your spouse) have? (1st mention)	Assets held (respondent or spouse): Houses, flats, holiday homes	iapropho
iaprop2	Which, if any, of these assets do you (or your spouse) have? (2nd mention)	Assets held (respondent or spouse): farm or business property	iapropfa
iaprop3	Which, if any, of these assets do you (or your spouse) have? (3rd mention)	Assets held (respondent or spouse): other land	iapropol
iaprop4	Which, if any, of these assets do you (or your spouse) have? (4th mention)	Assets held (respondent or spouse): money owed by others	iapropow
iaprop5	Which, if any, of these assets do you (or your spouse) have? (5th mention)	Assets held (respondent or spouse): a trust	iaproptr
iaprop6	Which, if any, of these assets do you (or your spouse) have? (6th mention)	Assets held (respondent or spouse): a convenant or inheritance	iapropin
iapk1	Lump sums received by respondent (or spouse) in the last year: 1st mention	Lump sums received by respondent (or spouse) in the last year: life insurance	iapkli
iapk2	Lump sums received by respondent (or spouse) in the last year: 2nd mention	Lump sums received by respondent (or spouse) in the last year: pension payout	iapkpp
iapk3	Lump sums received by respondent (or spouse) in the last year: 3rd mention	Lump sums received by respondent (or spouse) in last yr: personal accident plan	iapkpap
iapk4	Lump sums received by respondent (or spouse) in the last year: 4th mention	Lump sums received by respondent (or spouse) in last yr: other insurance payout	iapkoip
ialoan1	On which of these do you (or your spouse) currently owe money (1st mention)	Current loans (respondent or spouse): hire purchase agreements	ialoanhp
ialoan2	On which of these do you (or your spouse) currently owe money (2nd mention)	Current loans (respondent or spouse): personal loans	ialoanpl
ialoan3	On which of these do you (or your spouse) currently owe money (3rd mention)	Current loans (respondent or spouse): overdraft	ialoanod
ialoan4	On which of these do you (or your spouse) currently owe money (4th mention)	Current loans (respondent or spouse): cataloue/mail order purchase agreements	ialoanmo
hoincl1	Charges included in last rent payment (1st mention)	Charges included in last rent payment - water charges	hoinclwa
hoincl2	Charges included in last rent payment (2nd mention)	Charges included in last rent payment - sewerage	hoinclse

		charges	
hoincl3	Charges included in last rent payment (3rd mention)	Charges included in last rent payment - land or business premises	hoinclla
hoincl4	Charges included in last rent payment (4th mention)	Charges included in last rent payment - separate garage	hoinclga
hoincl5	Charges included in last rent payment (5th mention)	Charges included in last rent payment - heating, lighting or hot water	hoinclhe
hoinca1	Services included in last rent payment (1st mention)	Services included in last rent payment - meals	hoiname
hoinca2	Services included in last rent payment (2nd mention)	Services included in last rent payment - gardening	hoinagd
hoinca3	Services included in last rent payment (3rd mention)	Services included in last rent payment - cleaning	hoinacl
hoinca4	Services included in last rent payment (4th mention)	Services included in last rent payment - warden or porter	hoinawp
hoinca5	Services included in last rent payment (5th mention)	Services included in last rent payment - security service/guard	hoinasg
hoinam1	Services included in last rent payment (1st mention) - merged var	Services included in last rent payment - meals (merged var)	hoinamme
hoinam2	Services included in last rent payment (2nd mention) - merged var	Services included in last rent payment - gardening (merged var)	hoinamgd
hoinam3	Services included in last rent payment (3rd mention) - merged var	Services included in last rent payment - cleaning (merged var)	hoinamcl
hoinam4	Services included in last rent payment (4th mention) - merged var	Services included in last rent payment - warden or porter (merged var)	hoinamwp
hoinam5	Services included in last rent payment (5th mention) - merged var	Services included in last rent payment - security service/guard (merged var)	hoinamsg
hohb1	Services included with accommodation (1st mention)	Services included with accommodation - meals	hohbme
hohb2	Services included with accommodation (2nd mention)	Services included with accommodation - a garden	hohbga
hohb3	Services included with accommodation (3rd mention)	Services included with accommodation - cleaning	hohbcl
hohbm1	Services included with accommodation (1st mention) - merged var	Services included with accommodation - meals (merged var)	hohbmme
hohbm2	Services included with	Services included with	hohbmga

	accommodation (2nd mention) - merged var	accommodation - garden (merged var)	
hohbm3	Services included with accommodation (3rd mention) - merged var	Services included with accommodation -cleaning (merged var)	hohbmcl
hoinc1	Payments included in mortgage repayment (1st mention)	Payments included in mortgage repayment - mortgage protection policy	hoincpp
hoinc2	Payments included in mortgage repayment (2nd mention)	Payments included in mortgage repayment - buildings insurance	hoincbi
hoinc3	Payments included in mortgage repayment (3rd mention)	Payments included in mortgage repayment - contents/possessions insurance	hoincpi
hoinc4	Payments included in mortgage repayment (4th mention)	Payments included in mortgage repayment - other extra payments	hoincot
hoincm1	Payments included in mortgage repayment (1st mention) - merged var	Payments incl in mortgage repayment - mortgage protection policy (merged var)	hoincmpp
hoincm2	Payments included in mortgage repayment (2nd mention) - merged var	Payments included in mortgage repayment - buildings insurance (merged var)	hoincmbi
hoincm3	Payments included in mortgage repayment (3rd mention) - merged var	Payments incl in mortgage repayment - contents/possessions insurance (merged)	hoincmpi
hoincm4	Payments included in mortgage repayment (4th mention) - merged var	Payments included in mortgage repayment - other extra payments (merged var)	hoincmot
horinc1	Equity release schemes taken out	Equity release schemes taken out - home income/mortgage annuity plan	horinhi
horincm1	Equity release schemes taken out - merged var	Equity release schemes taken out - home income/mortgage annuity plan	horinmhi
hormov29	Reasons for moving - (1st mention) - merged var	Reasons for moving - irrelevant reponse (merged var)	hormvm86
hormova1	How is accomodation more suitable? (1st mention)	How is accomodation more suitable - smaller	hormosm
hormova2	How is accomodation more suitable? (2nd mention)	How is accomodation more suitable - larger	hormola
hormova3	How is accomodation more	How is accomodation more	hormofp

	suitable? (3rd mention)	suitable - fewer maintenance problems	
hormova4	How is accomodation more suitable? (4th mention)	How is accomodation more suitable - more suitable given health problems	hormosh
hoadpt10	Adaptions in property (10th mention)	Adaptations in property - alerting devices (e.g. button alarms)	hoadpal
hoprob10	Problems in accommodation (10th mention)	Problems in accommodation - rot and decay	hoproro
hoprom10	Problems in accommodation (10th mention) - merged var	Problems in accommodation - rot and decay (merged var)	hopromro
hohave10	Durables owned (10th mention)?	Durables owned - online-digital/satellite/cable TV	hohavdt
hohave11	Durables owned (11th mention)?	Durables owned - phone (landline)	hohavph
hohave12	Durables owned (12th mention)?	Durables owned - DVD player	hohavdv
hohavb10	Has bought any durables (10th mention)	Durables bought in last 2 years - online-digital/satellite/cable TV	hohavbdt
hohavb11	Has bought any durables (11th mention)	Durables bought in last 2 years - phone (landline)	hohavbph
hohavb12	Has bought any durables (12th mention)	Durables bought in last 2 years - DVD player	hohavbdv
hoohea1	Do you use any other forms of heating (1st mention)?	Do you use any other forms of heating - gas fire	hoheagf
hoohea2	Do you use any other forms of heating (3rd mention)?	Do you use any other forms of heating - electric fire	hoheaef
hoohea3	Do you use any other forms of heating (2nd mention)?	Do you use any other forms of heating - paraffin heaters	hoheaph
hoohem1	Do you use any other forms of heating (1st mention) - merged variable?	Do you use any other forms of heating - gas fire (merged var)	hoheamgf
hoohem2	Do you use any other forms of heating (3rd mention) - merged variable?	Do you use any other forms of heating - electric fire (merged var)	hoheamef
hoohem3	Do you use any other forms of heating (2nd mention) - merged variable?	Do you use any other forms of heating - paraffin heaters (merged var)	hoheamph
hofuel1	Fuels used in household for heating or other purpose (1st mention)	Fuels used in household for heating or other purpose - mains gas	hofuelga
hofuel2	Fuels used in household for heating or other purpose (2nd mention)	Fuels used in household for heating or other purpose - electricity	hofuelel
hofuel3	Fuels used in household for heating or other purpose (3rd	Fuels used in household for heating or other purpose -	hofuelco

	mention)	coal/smokeless fuel	
hofuel4	Fuels used in household for heating or other purpose (4th mention)	Fuels used in household for heating or other purpose - paraffin/bottled gas	hofuelpa
hofuel5	Fuels used in household for heating or other purpose (5th mention)	Fuels used in household for heating or other purpose - oil	hofueloi
hovow1	Who owns this (1st) car/van (1st person)?	Who owns this (1st) car/van - Person 1	hovw101
hovow2	Who owns this (1st) car/van (2nd person)?	Who owns this (1st) car/van - Person 2	hovw102
hovow5	Who owns this (2nd) car/van (1st person)?	Who owns this (1st) car/van - Person 5	hovw105
hovow6	Who owns this (2nd) car/van (2nd person)?	Who owns this (1st) car/van - Person 6	hovw106
hovow9	Who owns this (3rd) car/van (1st person)?	Who owns this (1st) car/van - Person 9	hovw109
hovow10	Who owns this (3rd) car/van (2nd person)?	Who owns this (1st) car/van - Person 10	hovw110
hovow13	Who owns this (4th) car/van (1st person)?	Who owns this (1st) car/van - Person 13	hovw113
hovow14	Who owns this (4th) car/van (2nd person)?	Who owns this (1st) car/van - Person 14	hovw114
hovow17	Who owns this (5th) car/van (1st person)?	Who owns this (1st) car/van - Not a household member	hovw117
hovow18	Who owns this (5th) car/van (2nd person)?	Who owns this (1st) car/van - Company/Employer	hovw118
hovow21	Who owns this (6th) car/van (1st person)?	Who owns this (2nd) car/van - Person 2	hovw202
hovow22	Who owns this (6th) car/van (2nd person)?	Who owns this (2nd) car/van - Person 3	hovw203
hovow25	Who owns this (7th) car/van (1st person)?	Who owns this (2nd) car/van - Person 6	hovw206
hovow26	Who owns this (7th) car/van (2nd person)?	Who owns this (2nd) car/van - Person 7	hovw207
hovow29	Who owns this (8th) car/van (1st person)?	Who owns this (2nd) car/van - Person 10	hovw210
hovow30	Who owns this (8th) car/van (2nd person)?	Who owns this (2nd) car/van - Person 11	hovw211
hovow33	Who owns this (9th) car/van (1st person)?	Who owns this (2nd) car/van - Person 14	hovw214
hovow34	Who owns this (9th) car/van (2nd person)?	Who owns this (2nd) car/van - Person 15	hovw215
hovow37	Who owns this (10th) car/van (1st person)?	Who owns this (2nd) car/van - Company/Employer	hovw218
hovow38	Who owns this (10th) car/van (2nd person)?	Who owns this (2nd) car/van - Lease company, incl. motability scheme	hovw219
hovow41	Who owns this (11th) car/van	Who owns this (3rd)	hovw303

	(1st person)?	car/van - Person 3	
hovow42	Who owns this (11th) car/van (2nd person)?	Who owns this (3rd) car/van - Person 4	hovw304
hovow45	Who owns this (12th) car/van (1st person)?	Who owns this (3rd) car/van - Person 7	hovw307
hovow46	Who owns this (12th) car/van (2nd person)?	Who owns this (3rd) car/van - Person 8	hovw308
hovow49	Who owns this (13th) car/van (1st person)?	Who owns this (3rd) car/van - Person 11	hovw311
hovow50	Who owns this (13th) car/van (2nd person)?	Who owns this (3rd) car/van - Person 12	hovw312
hovow53	Who owns this (14th) car/van (1st person)?	Who owns this (3rd) car/van - Person 15	hovw315
hovow54	Who owns this (14th) car/van (2nd person)?	Who owns this (3rd) car/van - Person 16	hovw316
hovow57	Who owns this (15th) car/van (1st person)?	Who owns this (3rd) car/van - Lease company, incl. motability scheme	hovw319
hovow58	Who owns this (15th) car/van (2nd person)?	Who owns this (4th) car/van - Person 1	hovw401
hovow61	Who owns this (16th) car/van (1st person)?	Who owns this (4th) car/van - Person 4	hovw404
hovow62	Who owns this (16th) car/van (2nd person)?	Who owns this (4th) car/van - Person 5	hovw405
CfWho1	Other person in room (1st mention)	No other person present in room	cfwhonon
CfWho2	Other person in room (2nd mention)	Whether spouse or partner was present in room	cfwhopar
CfWho3	Other person in room (3rd mention)	Whether other household member was present in room (adult)	cfwhoad
CfWho4	Other person in room (4th mention)	Whether other household member was present in room (child)	cfwhochi
ErCAA	Whether respondent looked after anyone in the past week	Whether looked after anyone in the past week	
ErCAB1	Relationship to the person(s) looked after last week (1st mention)	Looked after her/his spouse/partner	ErCABsp
ErCAB2	Relationship to the person(s) looked after last week (2nd mention)	Looked after her/his child	ErCABch
ErCAB3	Relationship to the person(s) looked after last week (3rd mention)	Looked after her/his grandchild	ErCABgc
ErCAB4	Relationship to the person(s) looked after last week (4th mention)	Looked after her/his parent	ErCABpa
ErCAB5	Relationship to the person(s) looked after last week (5th	Looked after her/his parent in law	ErCABpl

	mention)		
ErCABNu1	Number of spouses/partners respondent looked after in past week	Number of spouses/partners looked after in past week	Ercansp
ErCABNu2	Number of children respondent looked after in past week	Number of children looked after in past week	Ercanch
ErCABNu3	Number of grandchildren respondent looked after in past week	Number of grandchildren looked after in past week	Ercangc
ErCABNu4	Number of parents respondent looked after in past week	Number of parents looked after in past week	Ercanpa
ErCABNu5	Number of parents-in-law respondent looked after in past week	Number of parents-in-law looked after in past week	Ercanpl
ErCABNu6	Number of other relatives respondent looked after in past week	Number of other relatives looked after in past week	Ercanor
ErCABNu7	Number of friends/neighbours respondent looked after in past week	Number of friends/neighbours looked after in past week	Ercanfr
ErCABNu8	Number of other people respondent looked after in past week	Number of other people looked after in past week	Ercanot
ErTotNum	Total number of people respondent looked after in past week	Total number of people looked after in past week	Ercantt
ErCALive	Whether he/she lives with the person(s) he/she cares for	Whether lives with the person(s) he/she cared for	
ErCAC	Hours spent by the respondent in the last week looking after someone	Hours spent looking after other people last week	
ErMoti11	Reasons for doing voluntary work (1st mention)	Reasons for doing voluntary work: To contribute something useful	ermovus
ErMoti12	Reasons for doing voluntary work (2nd mention)	Reasons for doing voluntary work: For personal achievement	ermovac
ErMoti13	Reasons for doing voluntary work (3rd mention)	Reasons for doing voluntary work: Because I am needed	ermovne
ErMoti14	Reasons for doing voluntary work (4th mention)	Reasons for doing voluntary work: To earn money	ermovmo
ErMoti15	Reasons for doing voluntary work (5th mention)	Reasons for doing voluntary work: Because I enjoy it	ermovnj
ErMoti16	Reasons for doing voluntary	Reasons for doing	ermovsk

	work (6th mention)	voluntary work: To use my skills	
ErMoti17	Reasons for doing voluntary work (7th mention)	Reasons for doing voluntary work: To keep fit	ermovfi
ErMoti18	Reasons for doing voluntary work (8th mention)	Reasons for doing voluntary work: Because I feel obliged to do it	ermovob
PScedA	Much of the time during the past week, have you felt depressed?	Whether felt depressed much of the time during past week	
PScedB	Much of the time during the past week, have you felt that everything you did was an effort?	Whether felt everything they did during past week was an effort	
PScedC	Whether respondent felt their sleep was restless during the past week	Whether felt their sleep was restless during past week	
PScedD	Whether respondent was happy much of the time during the past week	Whether was happy much of the time during past week	
PScedE	Whether respondent felt lonely much of the time during the past week	Whether felt lonely much of the time during past week	
PScedF	Whether respondent enjoyed life much of the time during the past week	Whether enjoyed life much of the time during past week	
PScedG	Whether respondent felt sad much of the time during the past week	Whether felt sad much of the time during past week	
PScedH	Whether respondent could not get going much of the time during the past week	Whether could not get going much of the time during past week	
fqqual1	Further qualifications obtained since last interview (1st mention)	Qualification: Degree/degree level qualification (incl higher degree)	FQQUADeg
fqqual2	Further qualifications obtained since last interview2nd mention)	Qualification: Teaching qualification	FQQUATea
fqqual3	Further qualifications obtained since last interview3rd mention)	Qualification: Nursing: SRN, SCM, SEN, RGN, RM, RHV, Midwife	FQQUANur
fqquazm1	Further qualifications obtained since last interview (1st mention) (merged var)	Qualification: Degree/degree level qualification (incl higher degree) (merged)	FQQUMDeg
fqquazm2	Further qualifications obtained since last interview (2nd mention) (merged var)	Qualification: Teaching qualification (merged)	FQQUMTea
mmsaf	Whether interviewer feels it is	Whether interviewer feels it	

	safe to continue	is safe to do walking test	
mmcomz1	Other comments why walking test not completed successfully (1st mention)	Reason non-completion of walk:unable to walk safely	mmcomun
mmcomz2	Other comments why walking test not completed successfully (2nd mention)	Reason non-completion of walk: lack of space	mmcomsp
mmcomz3	Other comments why walking test not completed successfully (3rd mention)	Reason non-completion of walk: respondent refused	mmcomrf
scorgn	Number of committee meetings attends in a year	Number of committee meetings, if any, respondent has attended in a year	
scacta	How often respondent goes to the cinema	How often the respondent goes to the cinema	
scactb	How often respondent eats out of the house	How often the respondent eats out of the house	
scactc	How often respondent goes to an art gallery or museum	How often the respondent goes to an art gallery or museum	
scactd	How often respondent goes to the theatre, a concert or the opera	How often the respondent goes to the theatre, a concert or the opera	
scmoreb	Whether would like to eat out of the house more often	Whether respondent would like to eat out of the house more often	
scmorec	Whether would like to go to art galleries or museums more often	Whether respondent would like to go to art galleries or museums more often	
scmored	Whether would like to go to the theatre, concerts or the opera more often	Whether respondent would like to go to the theatre etc more often	
sclifea	In most ways their life is close to ideal	In most ways his/her life is close to his/her ideal	
sclifeb	The conditions of their life are excellent	The conditions of his/her life are excellent	
sclifec	The respondent is satisfied with their life	Is satisfied with his/her life	
sclifed	So far, the respondent has got the important things they want in life	So far, he/she has got the important things wants in life	
sclifee	If the respondent could live their life again, they would change almost nothing	If could live his/her life again, would change almost nothing	
scdca	Respondent feels they have control over what happens in most situations at home	At home, feels has control over what happens in most situations	
scdcc	Respondent feels what happens in life is set by	Feels what happens in life is often determined by	

	factors beyond their control	factors beyond his/her control	
scdcd	Respondent feels they have different demands which are hard to combine	In general, has different demands that thinks are hard to combine	
scdce	Respondent feels they have enough time to do everything	In general, has enough time to do everything	
scdcg	Respondent thinks they work very fast considering what they have to do at home	Considering the things has to do at home, has to work very fast	
sclddr	Self-perceived social status of respondent on ladder	Self-perceived (subjective) social status	
scladdc	Whether position of respondent on social ladder has changed in last two years	Whether position on ladder (self-perceived social status) changed in last 2 yrs	
scdri01	Whether respondent drunk normal beer on the heaviest day	Whether drunk normal beer on day last week when they drank the most	
scdri02	Whether respondent drunk strong beer on the heaviest day	Whether drunk strong beer on day last week when they drank the most	
scdri03	Whether respondent drunk spirits on the heaviest day	Whether drunk spirits/liquers on day last week when they drank the most	
scdri04	Whether respondent drunk sherry on the heaviest day	Whether drunk sherry/martini on day last week when they drank the most	
scdri05	Whether respondent drunk wine on the heaviest day	Whether drunk wine on day last week when they drank the most	
scdri06	Whether respondent drunk alcopops on the heaviest day	Whether drunk alcopops on day last week when they drank the most	
scabnp	Number of pints of normal beer drunk on heaviest day	Pints of normal beer drunk on day last week when drank the most	
scabnlc	Number of large cans or bottles of normal beer drunk on heaviest day	Large cans/bottles of normal beer drunk on day last week when drank the most	
scabnsc	Number of small cans or bottles of normal beer drunk on heaviest day	Small cans/bottles of normal beer drunk on day last week when drank the most	
scabsp	Number of pints of strong beer drunk on heaviest day	Pints of strong beer drunk on day last week when drank the most	

scabslc	Number of large cans or bottles of strong beer drunk on heaviest day	Large cans/bottles of strong beer drunk on day last week when drank the most	
scabssc	Number of small cans or bottles of strong beer drunk on heaviest day	Cans/bottles of strong beer drunk on day last week when drank the most	
scaspir	Number of glasses of spirits drunk on heaviest day	Glasses of spirit/liquor drunk on day last week when drank the most	
scasher	Number of glasses of sherry drunk on heaviest day	Glasses of sherry/martini drunk on day last week when drank the most	
scawin	Number of glasses of wine drunk on heaviest day	Glasses of wine drunk on day last week when drank the most	
scapopg	Number of small cans or bottle of alcopops drunk on heaviest day	Bottles/cans of alcopops drunk on day last week when drank the most	

7.5 Changes Made to the Data as a Result of Interviewer Notes

This section specifies the changes that were made to individual responses as a result of notes made by the interviewer. It is written in the form of SPSS syntax.
Please note that variable names are as cited in the questionnaire and **not** as they have been re-named prior to archiving, so some (but not all) will differ.

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if idauniq=111225 Henmst=-1.
if idauniq=111225 Hedian8=4.
if idauniq=111225 Hepbs=-1.
if idauniq=111225 Hehibpb1=-1.
if idauniq=120184 Hediac9=1.
if idauniq=120184 Hedias9=-8.
if idauniq=105046 Hedias=2.
if idauniq=105046 hemdab=1.
if idauniq=107111 Hediac2=2.
if idauniq=107111 Hedias2=-1.
if idauniq=117996 Hediac3=2.
if idauniq=117996 Hedian3=4.
if idauniq=117996 Henmmi=-1.
if idauniq=117996 Hehrtmd=-1.
```

```
if idauniq=105003 hediam=4.
if idauniq=105003 hediab1=1.
If idauniq=105003 helng=-8.
if idauniq=106912 Hediad2=2.
if idauniq=106912 Hediam2=4.
if idauniq=106912 Hedids2=-1.
if idauniq=106912 Heamb=-1.
if idauniq=107660 Hedids3=-8.
if idauniq=117106 Hediad3=2.
if idauniq=117106 Heart1=-1.
if idauniq=117106 Heart2=-1.
if idauniq=117106 Heart3=-1.
if idauniq=117106 Hediam3=4.
if idauniq=117106 Hedids3=-1.
if idauniq=120064 Hediam3=4.
if idauniq=120064 Hedids3=-1.
if idauniq=107349 Hediam4=4.
if idauniq=103874 Hediab3=1.
if idauniq=103874 Hearte=-8.
if idauniq=103874 Heagfr=-8.
if idauniq=103874 Heagfry=-8.
if idauniq=103874 Heart1=1.
if idauniq=103874 Heart2=0.
if idauniq=103874 Heart3=0.
if idauniq=120315 Hediam4=4.
if idauniq=110967 Hediad4=2.
if idauniq=110967 Hediam4=4.
if idauniq=110967 Hedids4=-1.
if idauniq=106367 Hediab5=1.
if idauniq=106367 Hecanb=-8.
if idauniq=106367 Heaggr=-8.
if idauniq=106367 Heaggry=-8.
if idauniq=106367 Hecanaa=95.
if idauniq=111753 Hediad5=2.
if idauniq=111753 Hecanb=-1.
if idauniq=111753 Hediam5=4.
if idauniq=111753 Hedids5=-1.
if idauniq=118374 Hediad6=2.
if idauniq=118374 Hediam6=4.
if idauniq=118374 Hedids6=-1.
if idauniq=119582 Hediad7=1.
if idauniq=119582 Hediam7=-1.
if idauniq=106118 hehrtmd=-1.
if idauniq=108580 hehrtmd=-1.
if idauniq=117075 hehrtmd=-1.
if idauniq=118343 hehrtmd=-1.
if idauniq=120534 hehrtmd=-1.

if idauniq=121380 FqConC=-1.
if idauniq=151563 FQCons=-1.
if idauniq=151155 FQCons=-1.
if idauniq=150067 FQCons=-1.
```

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if idauniq=150380 FQCons=-1.
if idauniq=150080 FQCons=-1.
if idauniq=151043 FQCons=-1.
if idauniq=150396 FQCons=-1.
if idauniq=150594 FQCons=-1.
if idauniq=105657 fqquaz65=1.
if idauniq=104956 fqaqua=2.
if idauniq=105653 fqquaz66=1.
if idauniq=105669 fqquaz66=1.
if idauniq=107271 fqquaz66=1.
if idauniq=108453 fqquaz66=1.
if idauniq=120240 fqquaz66=1.
if idauniq=117808 fqquaz66=1.
if idauniq=120078 fqquaz66=1.
if idauniq=150608 fqquaz66=1.

if Idauniq=106292 SPCARA=2.

if idauniq=119572 ExAInh=-9.
if idauniq=104041 ExCpin=-9.
if idauniq=108189 ExCpin=-9.
if idauniq=105511 ExHVa=997.
if idauniq=111064 ExHVa=997.
if idauniq=104530 ExLo80=-9.
if idauniq=117738 ExPW=-9.
if idauniq=104041 excin=-9.
if idauniq=104041 excain=-9.

if idauniq=105420 PScedG=1.
if idauniq=108815 PScedG=1.
if idauniq=111416 PScedG=1.
if idauniq=108274 PScedH=2.
if idauniq=111950 PScedH=1.
if idauniq=118231 PScedH=1.
if idauniq=121011 PScedH=1.
if idauniq=103784 PsMid=997.
if idauniq=103842 PsMid=997.
if idauniq=105305 PsMid=997.
if idauniq=105779 PsMid=997.
if idauniq=107205 PsMid=997.
if idauniq=112426 PsMid=997.
if idauniq=117878 PsMid=997.
if idauniq=117958 PsMid=997.
if idauniq=119319 PsMid=997.
if idauniq=120648 PsMid=997.
if idauniq=121169 PsMid=997.
if idauniq=121197 PsMid=997.
if idauniq=150429 PsMid=997.
if idauniq=151194 PsMid=997.
if idauniq=103842 PsOld=997.
if idauniq=103869 PsOld=997.
if idauniq=104185 PsOld=997.
```

```
if idauniq=105277 PsOld=997.
if idauniq=107205 PsOld=997.
if idauniq=107657 PsOld=997.
if idauniq=107853 PsOld=997.
if idauniq=108192 PsOld=997.
if idauniq=112448 PsOld=997.
if idauniq=117245 PsOld=997.
if idauniq=118256 PsOld=997.
if idauniq=118759 PsOld=997.
if idauniq=119741 PsOld=997.
if idauniq=120404 PsOld=997.

if scorgn=98 scorgn=-9.
if scfrdm=98 scfrdm=-9.
if scrtage=998 scrtage=-9.
if scvega=88 scvega=-9.
if scvegb=88 scvegb=-9.
if scvegc=88 scvegc=-9.
if scvegd=88 scvegd=-9.
if scfruia=88 scfruia=-9.
if scfruia=99 scfruia=-9.
if scfruib=88 scfruib=-9.
if scfruib=99 scfruib=-9.
if scfruic=88 scfruic=-9.
if scfruic=99 scfruic=-9.
if scfruid=88 scfruid=-9.
if scfruid=99 scfruid=-9.
if scfruie=88 scfruie=-9.
if scfruie=99 scfruie=-9.
if scfruif=88 scfruif=-9.
if scfruif=99 scfruif=-9.
if scfruig=88 scfruig=-9.
if scfruig=99 scfruig=-9.
if scfruih=88 scfruih=-9.
if scfruih=99 scfruih=-9.
if scfruii=88 scfruii=-9.
if scfruii=99 scfruii=-9.
If Scchdm=-8 Scchdm=-9.
If Scladdc=-8 Scladdc=-9.
```